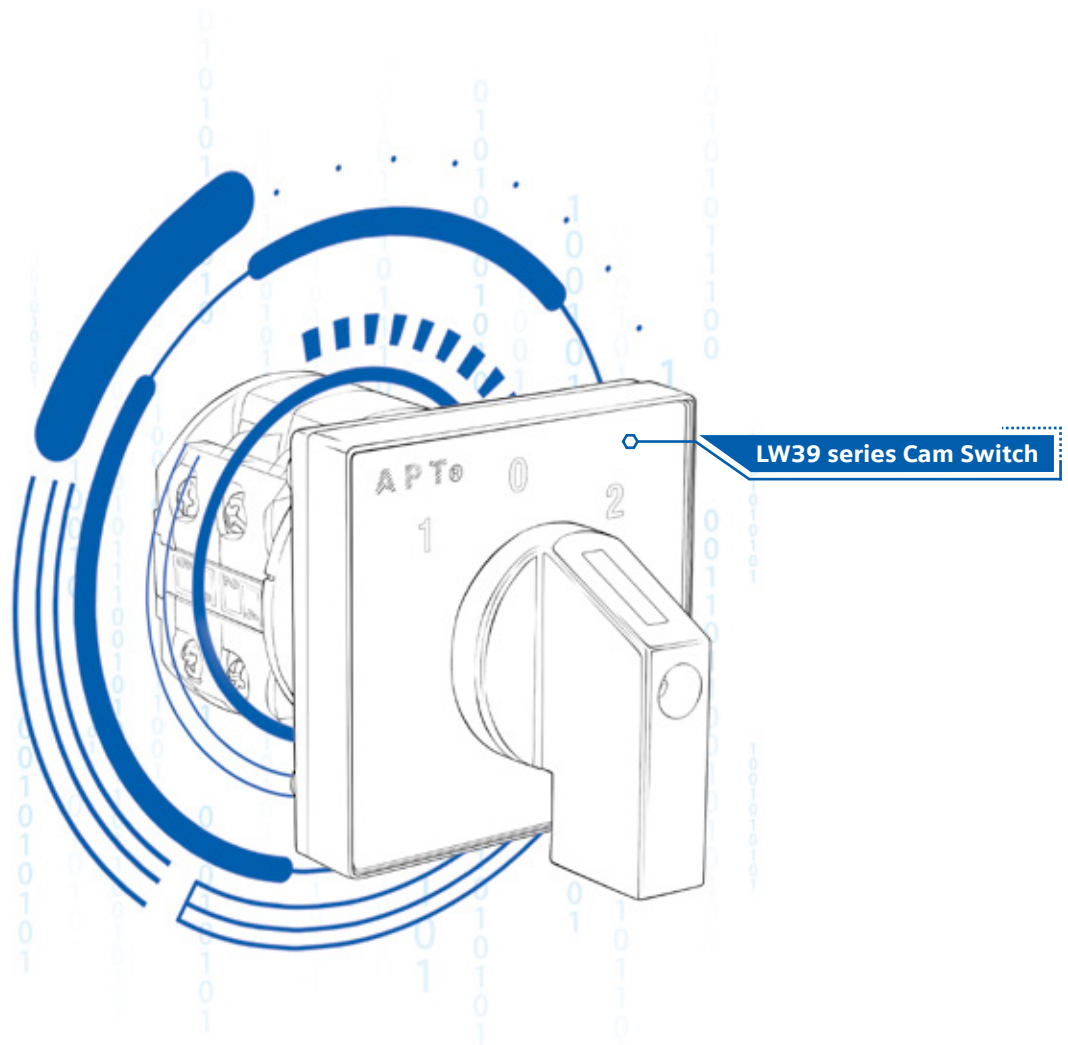




LW39 Cam Switch

Selection Guide and Junction Code Table

www.si-apt.com

LW39 Cam Switch

苏州西门子电器有限公司上海分公司

上海市广中西路 777 弄 55 号启迪大厦 301

邮编 : 200072

总机 : (021) 56553757

网址 : <http://www.si-apt.com>

传真 : (021) 56551750

电子邮箱 : sales@si-apt.com

Siemens Electrical Apparatus Ltd., Suzhou, Shanghai Branch

Rm 301, Tsidi Building No.55, Lane 777, West Guangzhong Road Shanghai

Zip Code: 200072

TEL: (021) 56553757

URL: <http://www.si-apt.com>

FAX: (021) 56551750

E-mail: sales@si-apt.com







APT

LW39 Cam Switch

Selection Guide and Junction Code Table

  RoHS



Company Profile

APT has been established in 1993. Today it is now a Chinese leading manufacturer of low-voltage components and has been specialized in the manufacturing of low voltage products such as pushbuttons, indicators, cam switches and general-purpose relays. In August 2008, Siemens Electrical Apparatus Ltd. Suzhou (hereinafter referred to as “Siemens”) made the wholly-owned acquisition of APT, putting the APT brand and related products under the operation of Siemens. With unified quality control and R&D resources of Siemens, APT focuses on manufacturing pushbuttons, indicators and other important low-voltage products such as tower lights, control cabinets, combined lights, current transformers and limit switches etc.

Through over 20 years of promotion and application, the APT products have been widely serving dozens of industrial fields in China including power, energy, rail transit, elevator, logistics, machine tool, etc. They have been successively selected and applied in Qinshan Nuclear Power Plant, the Three Gorges Project, Shenzhou V Spacecraft, Qinghai-Tibet Railway locomotives, “Harmony” Electric Multiple Unit, “Fuxing” Electric Multiple Unit, international airports and urban metros and have become the preferred brand for national key projects. At the same time, Siemens gives full play to its international operation experience to continuously enhance the management and business development of APT and better serve the Chinese market through advanced technology and improved product line.



Selection Guide

Use instruction

LW39 selection example

Positioning ring graph & use instruction

Momentaryspring return type code table

◦ Page 03

Order Codes of Common Cam Switches

Normal on/off switch

Double-throw switch

Multi-gear switch

Voltage measurement cam switch

Current measurement cam switch

Power transmission & distribution ON/OFF control switch

Capacitor cabinet regulating switch

Product order code of switches controlling the motors

Stepping switch and gear shifting switch (only applicable to LW39-25, LW39-16)

◦ Page 06

Junction Code Table

OFF/ON switch (only applicable to LW39-25, LW39-16A)

2-gear switch

3-gear switch

4-gear switch

5-gear switch

6-gear switch

7-gear switch

8-gear switch

9-gear switch

10-gear switch

11-gear switch

12-gear switch

◦ Page 39

Blank Junction Schedule

◦ Page 96

Main Functional Order Codes of LW39 Cam Switch

◦ Page 97



LW39 Cam Switch

Selection Guide and Junction Code Table

[Selection Guide](#)

[Order Codes of Common Cam Switches](#)

[Junction Code Table](#)

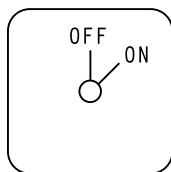
[Blank Junction Schedule](#)

[Main Functional Order Codes of LW39 Cam Switch](#)

Selection Guide

Use instruction

- “LW39 Selection Guide” provides the contents and basic methods for LW39 selection.
- The complete order codes of LW39 cam switch include functional order code, code of positioning feature, junction code and some other necessary auxiliary codes. For some cam switches for special purposes, partial or all codes in the order code are given, so that the user may only supplement other contents.
- Examples of cam switches for special purposes:

Function	Order code	Panel symbol	Junction table																		
Direct startup, disconnected during the operation	LW39-63-Q15/2 LW39-25-Q5.5/2 LW39-16A-Q3/2 LW39-16B-Q3/2		<table><tr><th>Panel symbol</th><th>OFF</th><th>ON</th></tr><tr><th>Position angle</th><th>0°</th><th>45°</th></tr><tr><td>A — 1-2</td><td></td><td>×</td></tr><tr><td>B — 3-4</td><td></td><td>×</td></tr><tr><td>C — 5-6</td><td></td><td>×</td></tr><tr><td>7-8</td><td></td><td></td></tr></table>	Panel symbol	OFF	ON	Position angle	0°	45°	A — 1-2		×	B — 3-4		×	C — 5-6		×	7-8		
			Panel symbol	OFF	ON																
			Position angle	0°	45°																
			A — 1-2		×																
			B — 3-4		×																
C — 5-6		×																			
7-8																					

- The junction code table is formed by summarizing users’ applications of LW39 for over ten years, provides the junction table of cam switch under most applications and adopts specific code marking. Based on this table, the user can find out the required junction code to make the order code complete
- This new junction code table is from the revision to the “Junction Table of LW39 Cam Switch” (2016) for replacing it. Such revision is to adapt to the increasingly rich functions of LW39
- The new junction code table and the old junction table are used in different ways, as shown below:

Type B cam switch determined as 16A

- Checked in the old junction table

LW39 - 16B - 60B - 02/1		
Operation gear	0	1
Positioning angle	-30°	30°
1-2		×
3-4		×

- Checked in the new junction table: LW39-16B-60B-02/1

①	②	
	Junction code	02/1
	2-16 codes	0/3
	Operation gear	1 2
	1-2	×
60B indicates that the positioning angle is -30° and +30°	3-4	×

- Compared with the old junction table, the new junction code table has no restrictions on an operating angle, functional order code etc.. Thus it can provide more flexibility for users and meet their various use demands to the largest extent.

◎ LW39 selection example

No.	LW39 — <u>16B</u> — <u>6KC</u> — <u>202/2</u> <u>Bk B55</u>			
		1	2	3 4
1	Functional order code	16B indicates type B 16A cam switch For the selection of functional code, please refer to the sample of LW39 cam switch		
2	Code of positioning feature	6KC indicates that the operation gear angle is -60° , 0° and 60° For the determination of the code of positioning feature, please refer to the “positioning ring graph” and “momentary code table” on P4-5		
3	Junction code	For the determination of the junction code, please refer to the “order codes of common cam switches” and “junction code table” on P6-89 or complete the blank junction schedule with our assistance to determine Description of the connect-before-break function: add L behind the junction; the delay angle of LW39-16A, LW39-16N and LW39-25 is about 45° and that of LW39-16B and LW39-16C is about 60° , that is to say, delay above angles on both sides of each conduction junction.		
4	Auxiliary code	Bk is the handle code, B55 is the panel lettering code For code determination, please refer to the sample of LW39 cam switch		

◎ Positioning ring graph and use instruction

Note

The code of positioning feature indicates the gear features of the cam switches, including two categories – positioning type and momentary type.

Positioning type

- The positioning type does not have a momentary function. LW39 series cam switches can provide a variety of positioning angles such as 30° , 45° , 60° and 90° .
- Please pay attention to the applicable order codes of various positioning angles and fill the codes of positioning features of the ordered cam switches according to the positioning ring graphs and code examples.
- Due to the limits of product structure, the pitch logic and contact block layer are different, which may affect the value of the operating angle.

Positioning angle	Applicable order code	Positioning ring graph	Code example
30°	LW39-10 LW39-16 LW39-25 LW39-63		“3KC” indicates 30° positioned, starting from position K and ending at position C clockwise. It has 5 positions - K, O, A, B, C.
45°	LW39-10 LW39-16 LW39-25 LW39-63		“4OB” indicates 45° positioned, starting from position O and ending at position B clockwise. It has 3 positions - O, A, B.
60°	LW39-10 LW39-16B LW39-16C LW39-63		“6KE” indicates 60° positioned, starting from position K and ending at position E clockwise. It has 4 positions - K, A, C, E.
90°	LW39-10 LW39-16 LW39-25 LW39-63		“9GC” indicates 90° positioned, starting from position G and ending at position C clockwise. It has 3 positions - G, A, C.

Code description

Note: in case of 360° operation and no limits, the ending position and starting position has the same letter, for example, “3JJ” indicates 30° positioned, starting from -90° , 12 gears, no limits.

NO.	<u> </u> <u> </u> <u> </u> 1 2 3			
1	Positioning angle	“3” indicates 30°	“4” indicates 45°	“6” indicates 60° “9” indicates 90°
2	Starting position			
3	Ending position			

Spring return type code table

- One or more gears of spring return type have spring return function. LW39 series cam switches have provided tens of momentary ways for option to the users and can satisfy their special demands.
- The following table lists the commonly used momentary functions and the codes of their positioning features. Please pay attention to their applicable order codes.

Note: “Y” indicates that the code can be produced “Y*” indicates that the code can be produced, but no more than 3 pitches Blank indicates that the code cannot be produced.
If there is any further request, please consult the Technical Support Department.

Momentary code	Momentary angle	LW39-10	LW39-16A	LW39-16B	LW39-16C	LW39-16N	LW39-25	LW39-63
A1	0° ← 30°	Y*		Y*	Y*			
A2	0° ← 45°		Y	Y	Y	Y	Y	Y
A3	-45° ← 45°			Y	Y			
A4	-45° ← 0°		Y	Y	Y	Y	Y	Y
A5	0° ← 90°			Y	Y			
B1	-30° → 0° ← 30°	Y*		Y*	Y*			
B2	-45° → 0° ← 45°		Y	Y	Y	Y	Y	Y
B3	-60° → -30° → 0° ← 30° ← 60°		Y	Y*	Y*		Y	
B4	-90° -45° 0° 45° ← 90°		Y	Y*	Y*	Y	Y	Y
B5	-90° -45° 0° ← 45°		Y	Y	Y	Y	Y	Y
B6	-90° → -60° → -30° → 0° ← 30° ← 60° ← 90°			Y*	Y*			
B7	-90° → -45° 0° 45° 90° 135°			Y	Y			
B8	-90° → -45° 0° 45° 90°			Y	Y			
B9	-45° → 0° 45° 90° 135°			Y	Y			
B10	-45° → 0° 45° 90° 135° 180°			Y	Y			
B11	-45° → 0° ← 45° ← 90°			Y	Y			
B12	-90° 0° ← 90°			Y	Y			
BA	-90° → -45° → 0° ← 45° ← 90°		Y	Y	Y	Y	Y	Y
BA1	-45° → 0° → 45° ← 90° ← 135°			Y	Y			
BA2	-90° → 0° ← 90°			Y	Y			
BC	-45° → 0° 0° ← 45°		Y	Y	Y	Y	Y	Y
D4	0° 45° ← 90°			Y	Y			
Z1	-135° → -90° 0° ← 45°		Y	Y	Y	Y	Y	Y
Z2	-45° → 0° 90° ← 135°		Y	Y	Y	Y	Y	Y
ZA	-90° → -45° 0° 45° ← 90°		Y	Y	Y	Y	Y	Y
ZB	-90° → -45° 0° 45°		Y	Y	Y	Y	Y	Y
ZC	-45° 0° 45° ← 90°		Y	Y	Y	Y	Y	Y
ZD	-90° 0° ← 45°		Y	Y	Y	Y	Y	Y
ZE	0° 45° ← 90°		Y	Y	Y	Y	Y	Y
ZE1	0° 90° ← 135°						Y	Y
ZF	-45° 0° ← 45°		Y	Y	Y	Y	Y	Y
ZG	-45° → 0° 45°		Y	Y	Y	Y	Y	Y
ZK	-45° → 0° 45° 90°		Y	Y	Y	Y	Y	Y
ZK1	-45° → 0° 45° 90° 135°		Y	Y	Y	Y	Y	Y
W	-120° → -90° 0° ← 30°	Y*		Y*	Y*			
WA	-90° 0° ← 30°	Y*		Y*	Y*			
WB	-30° → 0° 90°	Y*		Y*	Y*			
WC	0° 90° ← 120°	Y*		Y*	Y*			
WR	-120° → -90° 0° 90° ← 120°	Y*		Y*	Y*			
WS	-90° 0° 90° ← 120°	Y*		Y*	Y*			
WT	-120° → -90° 0° 90°	Y*		Y*	Y*			
WU	-90° -30° → 0° ← 30°			Y*	Y*			
WV	-90° 0° ← 30° 90°			Y*	Y*			
WW	-90° -30° → 0° ← 30° 90°			Y*	Y*			

Order codes of common cam switches

⊙ Normal on/off, double-throw, multi-gear switches

Normal on/off switch				
Number of contact blocks	panel lettering	0	1	Order code
1 stage	1-2		×	LW39 - □ □ - □ -02/1
	3-4		×	
2 stages	5-6		×	LW39 - □ □ - □ -04/2
	7-8		×	
3 stages	9-10		×	LW39 - □ □ - □ -06/3
	11-12		×	
4 stages	13-14		×	LW39 - □ □ - □ -08/4
	15-16		×	
5 stages	17-18		×	LW39 - □ □ - □ -0A/5
	19-20		×	
6 stages	21-22		×	LW39 - □ □ - □ -0C/6
	23-24		×	
7 stages	25-26		×	LW39 - □ □ - □ -0E/7
	27-28		×	
8 stages	29-30		×	LW39 - □ □ - □ -0G/8
	31-32		×	
9 stages	33-34		×	LW39 - □ □ - □ -0I/9
	35-36		×	
10 stages	37-38		×	LW39 - □ □ - □ -0K/10
	39-40		×	

Example: LW39-16A-4AB-06/3, indicates LW39-16A type 3-pitch ON/OFF switch with the positioning angle of 0°, 45° and lettering on panel of 0, 1

Double-throw switch (without "0" position and with double connecting straps)				
Number of contact blocks	panel lettering	1	2	Order code
1 stage	1-2	×		LW39 - □ □ - □ -11J/1
	3-4		×	
2 stages	5-6	×		LW39 - □ □ - □ -22J/2
	7-8		×	
3 stages	9-10	×		LW39 - □ □ - □ -33J/3
	11-12		×	
4 stages	13-14	×		LW39 - □ □ - □ -44J/4
	15-16		×	
5 stages	17-18	×		LW39 - □ □ - □ -55J/5
	19-20		×	
6 stages	21-22	×		LW39 - □ □ - □ -66J/6
	23-24		×	
7 stages	25-26	×		LW39 - □ □ - □ -77J/7
	27-28		×	
8 stages	29-30	×		LW39 - □ □ - □ -88J/8
	31-32		×	
9 stages	33-34	×		LW39 - □ □ - □ -99J/9
	35-36		×	
10 stages	37-38	×		LW39 - □ □ - □ -AAJ/10
	39-40		×	

Example: LW39-16B-60B-33J/3, indicates LW39-16B type 3-pitch double-throw switch, with connecting strap, positioning angle of -30°, 30° and lettering on panel of 1, 2

Double-throw switch (without "0" position and with independent contact)				
Number of contact blocks	panel lettering	1	2	Order code
1 stage	1-2	×		LW39 - □ □ - □ -11/1
	3-4		×	
2 stages	5-6	×		LW39 - □ □ - □ -22/2
	7-8		×	
3 stages	9-10	×		LW39 - □ □ - □ -33/3
	11-12		×	
4 stages	13-14	×		LW39 - □ □ - □ -44/4
	15-16		×	
5 stages	17-18	×		LW39 - □ □ - □ -55/5
	19-20		×	
6 stages	21-22	×		LW39 - □ □ - □ -66/6
	23-24		×	
7 stages	25-26	×		LW39 - □ □ - □ -77/7
	27-28		×	
8 stages	29-30	×		LW39 - □ □ - □ -88/8
	31-32		×	
9 stages	33-34	×		LW39 - □ □ - □ -99/9
	35-36		×	
10 stages	37-38	×		LW39 - □ □ - □ -AA/10
	39-40		×	

Example: LW39-16A-90B-33/3, indicates LW39-16A type 3-pitch double-throw switch with the positioning angle of -45°, 45° and lettering on panel of 1, 2

Double-throw switch (with “0” position and independent contact)					
Number of contact blocks	panel lettering	1	0	2	Order code
			0°		
1 stage	1-2	×			LW39 - □ □ - □ -101/1
	3-4			×	
2 stages	5-6	×			LW39 - □ □ - □ -202/2
	7-8			×	
3 stages	9-10	×			LW39 - □ □ - □ -303/3
	11-12			×	
4 stages	13-14	×			LW39 - □ □ - □ -404/4
	15-16			×	
5 stages	17-18	×			LW39 - □ □ - □ -505/5
	19-20			×	
6 stages	21-22	×			LW39 - □ □ - □ -606/6
	23-24			×	
7 stages	25-26	×			LW39 - □ □ - □ -707/7
	27-28			×	
8 stages	29-30	×			LW39 - □ □ - □ -808/8
	31-32			×	
9 stages	33-34	×			LW39 - □ □ - □ -909/9
	35-36			×	
10 stages	37-38	×			LW39 - □ □ - □ -A0A/10
	39-40			×	

Example: LW39-25-40B-303/3, indicates LW39-25 type 3-pitch double-throw switch, with positioning angle of -45°, 0°, 45° and lettering on panel of 1, 0, 2

Normal on/off, double-throw, multi-gear switches

Double-throw switch (with "0" position and double connecting straps)				
Number of contact blocks	panel lettering	1	0	2
			0°	
1 stage	1-2	X		
	3-4			X
2 stages	5-6	X		
	7-8			X
3 stages	9-10	X		
	11-12			X
4 stages	13-14	X		
	15-16			X
5 stages	17-18	X		
	19-20			X
6 stages	21-22	X		
	23-24			X
7 stages	25-26	X		
	27-28			X
8 stages	29-30	X		
	31-32			X
9 stages	33-34	X		
	35-36			X
10 stages	37-38	X		
	39-40			X
				Order code

Example: LW39-25-40B-404J/4, indicates LW39-25 type 4-pitch double-throw switch, with connecting strap, positioning angle of -45°, 0°, 45° and lettering on panel of 1, 0, 2

Multi-gear switch (4-gear switch)					
Number of contact blocks	panel lettering	1	2	3	4
1 stage	1-2	X			
	3-4		X		
2 stages	5-6			X	
	7-8				X
3 stages	9-10	X			
	11-12		X		
4 stages	13-14			X	
	15-16				X
5 stages	17-18	X			
	19-20		X		
6 stages	21-22			X	
	23-24				X
7 stages	25-26	X			
	27-28		X		
8 stages	29-30			X	
	31-32				X
9 stages	33-34	X			
	35-36		X		
10 stages	37-38			X	
	39-40				X
11 stages	41-42	X			
	43-44		X		
12 stages	45-46			X	
	47-48				X
					Order code

Multi-gear switch (3-gear switch)				
Number of contact blocks	panel lettering	1	2	3
1 stage	1-2	X		
	3-4		X	
2 stages	5-6			X
	7-8	X		
3 stages	9-10		X	
	11-12			X
4 stages	13-14	X		
	15-16		X	
5 stages	17-18			X
	19-20	X		
6 stages	21-22		X	
	23-24			X
7 stages	25-26	X		
	27-28		X	
8 stages	29-30			X
	31-32	X		
9 stages	33-34		X	
	35-36			X
				Order code

Multi-gear switch (5-gear switch)						
Number of contact blocks	panel lettering	1	2	3	4	5
1 stage	1-2	X				
	3-4					X
2 stages	5-6		X			
	7-8			X		
3 stages	9-10				X	
	11-12		X			
4 stages	13-14			X		
	15-16				X	
5 stages	17-18	X				
	19-20					X
6 stages	21-22	X				
	23-24					X
7 stages	25-26		X			
	27-28			X		
8 stages	29-30				X	
	31-32		X			
9 stages	33-34			X		
	35-36				X	
10 stages	37-38	X				
	39-40					X
						Order code

LW39 CAM SWITCH

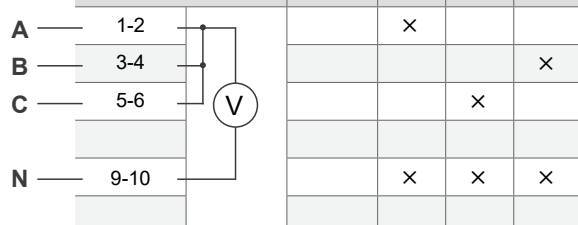
Order codes of common cam switches SELECTION GUIDE AND JUNCTION CODE TABLE

◎ Voltage measurement cam switch

With "0" position, Naught wire and 3-phase phase voltage of changeover measurement

LW39-16A-YH1/3
LW39-16B-YH1/3
LW39-16C-YH1/3
LW39-25-YH1/3

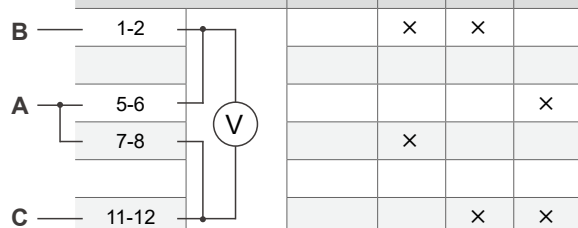
A74	B102	O	A	B	C
		0°	90°	180°	270°



With "0" position, 3-phase wire voltage of changeover measurement

LW39-16A-YH2/3
LW39-16B-YH2/3
LW39-16C-YH2/3
LW39-25-YH2/3

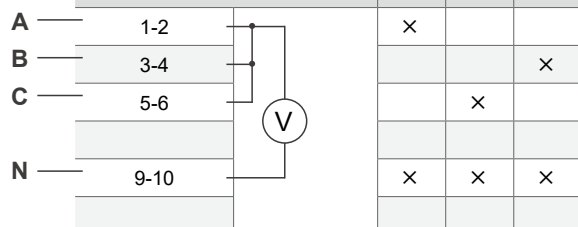
A75	B103	O	AB	BC	CA
		0°	90°	180°	270°



Without "0" position, with Naught wire, 3-phase phase voltage of changeover measurement

LW39-16A-YH3/3
LW39-16B-YH3/3
LW39-16C-YH3/3
LW39-25-YH3/3

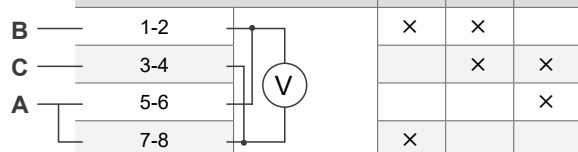
A72	B100	A	B	C
		-90°	0°	90°



Without "0" position, 3-phase wire voltage of changeover measurement

LW39-16A-YH4/2
LW39-16B-YH4/2
LW39-25-YH4/2

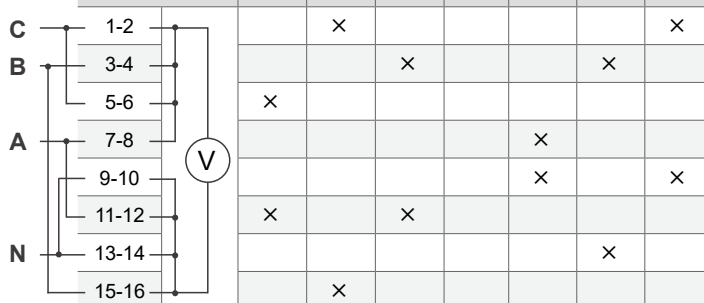
A73	B101	AB	BC	CA
		-90°	0°	90°



With "0" position, Naught wire, 3-phase phase voltage and 3-phase wire voltage of changeover measurement

LW39-16A-YH5/4
LW39-16B-YH5/4
LW39-16C-YH5/4
LW39-25-YH5/4

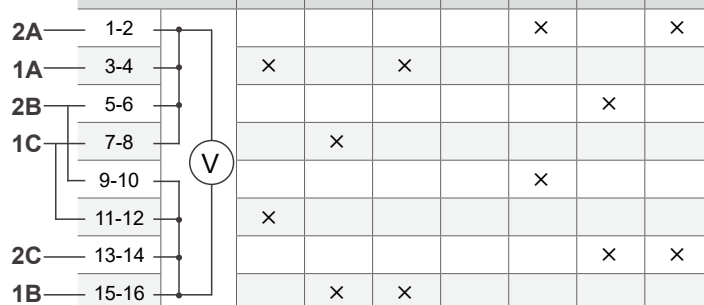
LW39-25-YH5/4							
A246	CA	BC	AB	O	AN	BN	CN
B501	-135°	-90°	-45°	0°	45°	90°	135°



With "0" position, 3-phase wire voltage of changeover measurement separately for 2 power supplies

LW39-16A-YH6/4
LW39-16B-YH6/4
LW39-16C-YH6/4
LW39-25-YH6/4

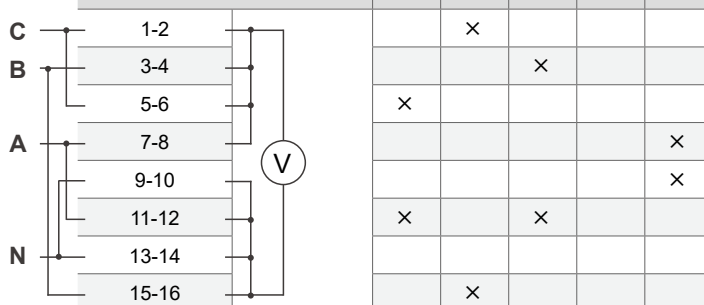
B496	CA	BC	AB	O	AB	BC	CA
	-135°	-90°	-45°	0°	45°	90°	135°



With "0" position, Naught wire, 1-phase phase voltage and 3-phase wire voltage of changeover measurement

LW39-16A-YH8/4
LW39-16B-YH8/4
LW39-16C-YH8/4
LW39-25-YH8/4

	CA	BC	AB	O	AN
	-135°	-90°	-45°	0°	45°



⊙ Voltage measurement cam switch

With "0" position, Naught wire and 3-phase phase voltage of changeover measurement				LW39-16A-YH11/2 LW39-16B-YH11/2 LW39-16C-YH11/2 LW39-25-YH11/2		
A74	B102	O	A	B	C	
		0°	90°	180°	270°	
A	1-2		X			
B	3-4			X		
C	5-6				X	
N	7-8		X	X	X	

With "0" position, Naught wire, 3-phase phase voltage and 3-phase wire voltage of changeover measurement								LW39-16B-YH5/3 LW39-16C-YH5/3		
		CA	BC	AB	O	A	B	C		
		-135°	-90°	-45°	0°	45°	90°	135°		
C	1-2		X					X		
	3-4	X								
B	5-6						X			
	7-8		X	X						
A	9-10	X		X		X				
N	11-12					X	X	X		

With "0" position, without Naught wire, 3-phase wire voltage of changeover measurement				LW39-16A-YH12/2 LW39-16B-YH12/2 LW39-16C-YH12/2 LW39-25-YH12/2		
A75	B103	O	AB	BC	CA	
		0°	90°	180°	270°	
A	1-2				X	
	3-4		X			
B	5-6		X	X		
C	7-8			X	X	

Without "0" position, with Naught wire, 3-phase phase voltage of changeover measurement				LW39-16A-YH13/2 LW39-16B-YH13/2 LW39-16C-YH13/2 LW39-25-YH13/2		
A72	B100	A	B	C		
		-90°	0°	90°		
A	1-2	X				
B	3-4		X			
C	5-6			X		
N	7-8	X	X	X		

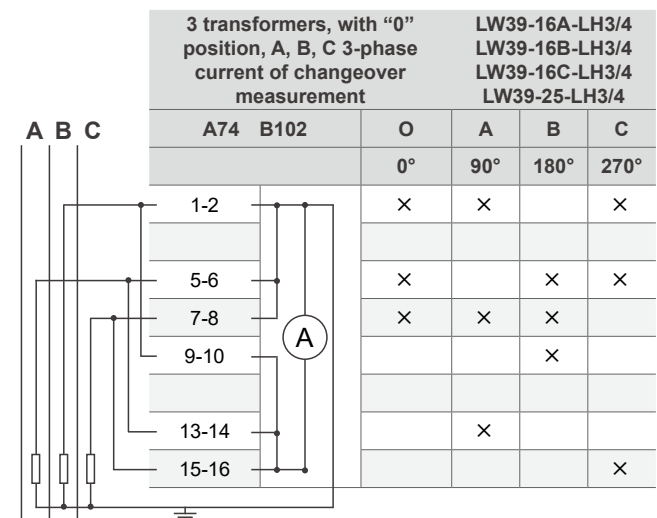
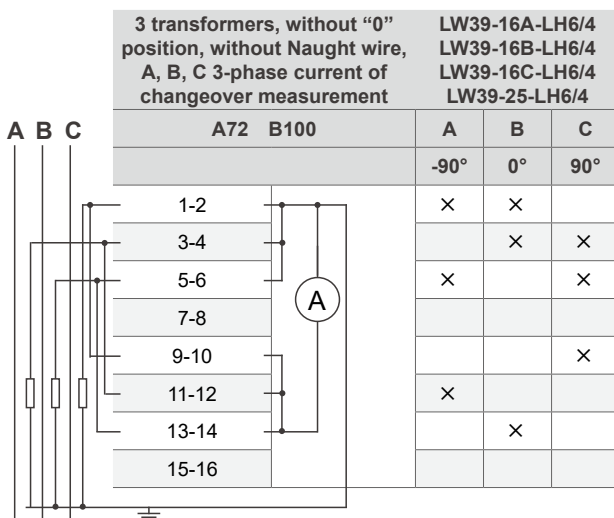
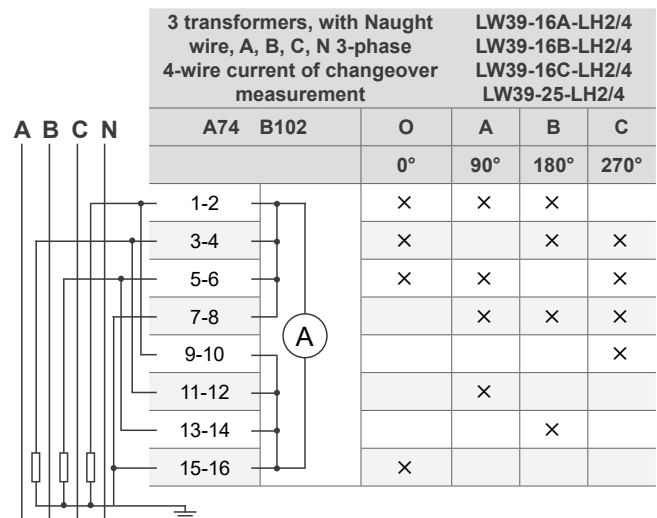
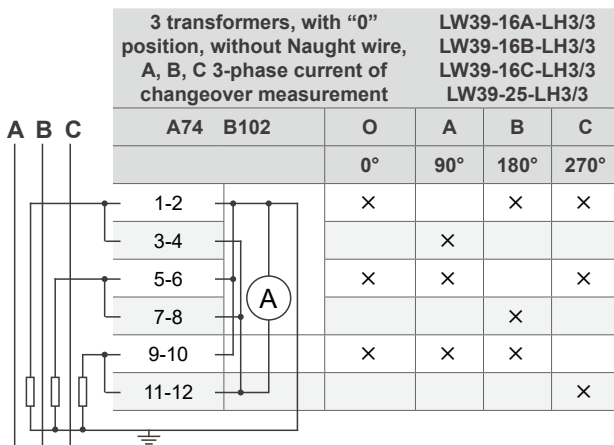
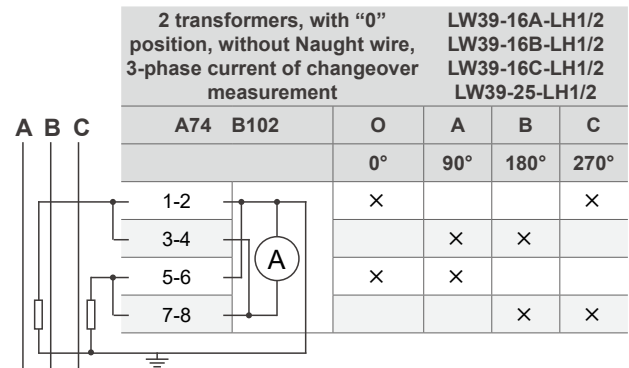
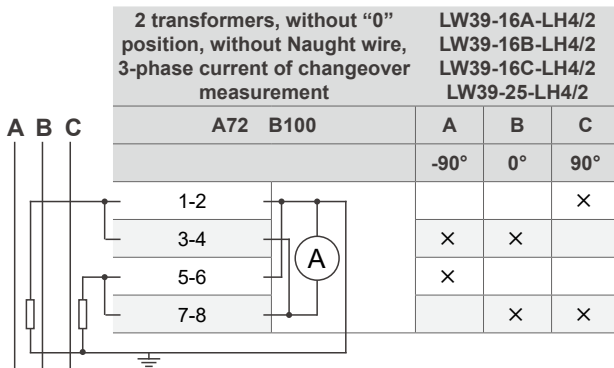
With "0" position, without Naught wire, 3-phase wire voltage of changeover measurement				LW39-16A-YH22/3 LW39-16B-YH22/3 LW39-16C-YH22/3 LW39-25-YH22/3		
A75	B103	O	AB	BC	CA	
		0°	90°	180°	270°	
A	1-2		X			
	3-4				X	
B	5-6			X		
	7-8		X			
C	9-10				X	
	11-12			X		

LW39 CAM SWITCH

Order codes of common cam switches SELECTION GUIDE AND JUNCTION CODE TABLE

◎ Current measurement cam switch

Current measurement cam switch



☉ Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16A-Z/1a.4.4.6a/4 LW39-25-Z/1a.4.4.6a/4					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12						
	13-14			×			
	15-16	×				×	×

Note: replace LW2-Z-1a.4.4.6a/F8

Switch order code		LW39-16A-Z/1a.4.4.6a/5 LW39-25-Z/1a.4.4.6a/5					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
4	9-10			×			
	11-12						×
6a	13-14		×		×		
	15-16						
	17-18			×			
	19-20	×				×	×

Note: replace LW2-Z-1a.4.4.6a/F8

Switch order code		LW39-16A-Z/1a.4.4.6a.40.20/8 LW39-25-Z/1a.4.4.6a.40.20/8					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
4	9-10			×			
	11-12						×
6a	13-14		×		×		
	15-16						
	17-18			×			
	19-20	×				×	×
40	21-22		×			×	
	23-24	×					×
	25-26			×	×		
20	27-28			×	×		
	29-30		×			×	
	31-32	×					×

Note: replace LW2-Z-1a.4.4.6a.40.20/F8

Switch order code		LW39-16A-Z/1a.4.4.6a.40.20.4/8 LW39-25-Z/1a.4.4.6a.40.20.4/8					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12						
	13-14			×			
	15-16	×				×	×
40	17-18		×			×	
	19-20	×					×
	21-22			×	×		
20	23-24			×	×		
	25-26		×			×	
	27-28	×					×
4	29-30			×			
	31-32						×

Note: replace LW2-Z-1a.4.4.6a.40.20.4/F8

Power transmission and
distribution ON/OFF control switch

Function to replace LW2 series transfer switch

◎ Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16A-Z/1a.4.6a.20/6 LW39-25-Z/1a.4.6a.20/6					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12						
	13-14			×			
	15-16	×				×	×
20	17-18			×	×		
	19-20		×			×	
	21-22	×					×
	23-24						

Note: replace LW2-Z-1a.4.6a.20/F8

Switch order code		LW39-16A-Z/1a.4.6a.40.20/8 LW39-25-Z/1a.4.6a.40.20/8					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12						
	13-14			×			
	15-16	×				×	×
40	17-18						×
	19-20						
	21-22		×			×	
20	23-24	×					×
	25-26			×	×		
	27-28			×	×		
20	29-30		×			×	
	31-32	×					×

Note: replace LW2-Z-1a.4.6a.40.20/F8

Switch order code		LW39-16A-Z/1a.4.6a.40.20/5 LW39-25-Z/1a.4.6a.40.20/5					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×	×	×		
	11-12	×				×	×
40	13-14	×	×			×	×
	15-16			×	×		
20	17-18			×	×		
	19-20	×					×

Note: replace LW2-Z-1a.4.6a.40.20/F8

Switch order code		LW39-16A-Z/1a.4.1b/3 LW39-25-Z/1a.4.1b/3					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
1b	9-10			×	×		

Switch order code		LW39-16A-Z/1a.4.6a.40.20/7 LW39-25-Z/1a.4.6a.40.20/7					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12						
	13-14			×			
	15-16	×				×	×
40	17-18		×			×	
	19-20	×					×
	21-22			×	×		
	23-24			×	×		
20	25-26		×			×	
	27-28	×					×

Note: replace LW2-Z-1a.4.6a.40.20/F8

☉ Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16A-Z/1a.4.6a.40.20.20/9 LW39-25-Z/1a.4.6a.40.20.20/9					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12						
	13-14			×			
	15-16	×				×	×
40	17-18		×			×	
	19-20	×					×
	21-22			×	×		
	23-24			×	×		
20	25-26		×			×	
	27-28	×					×
20	29-30			×	×		
	31-32		×			×	
	33-34	×					×
	35-36						

Note: replace LW2-Z-1a.4.6a.40.20.20/F8

Switch order code		LW39-16A-Z/1a.4.6a.40.20.40/9 LW39-25-Z/1a.4.6a.40.20.40/9					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12						
	13-14			×			
	15-16	×				×	×
40	17-18		×			×	
	19-20	×					×
	21-22			×	×		
	23-24			×	×		
20	25-26		×			×	
	27-28	×					×
40	29-30		×			×	
	31-32	×					×
	33-34			×	×		

Note: replace LW2-Z-1a.4.6a.40.20.40/F8

Switch order code		LW39-16A-Z/1a.4.6a.40.20.20.1a/10 LW39-25-Z/1a.4.6a.40.20.20.1a/10					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12						
	13-14			×			
	15-16	×				×	×
40	17-18		×			×	
	19-20	×					×
	21-22			×	×		
	23-24			×	×		
20	25-26		×			×	
	27-28	×					×
20	29-30			×	×		
	31-32		×			×	
	33-34	×					×
	35-36						
1a	37-38		×		×		
	39-40	×				×	

Note: replace LW2-Z-1a.4.6a.40.20.20.1a/F8

Switch order code		LW39-16A-Z/1a.4.6a.6a.40.40/8 LW39-25-Z/1a.4.6a.6a.40.40/8					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12		×		×		
	13-14			×			
	15-16	×				×	×
40	17-18			×			
	19-20	×				×	×
	21-22		×			×	
	23-24	×					×
40	25-26			×	×		
	27-28		×			×	
40	29-30	×					×
	31-32			×	×		

Note: replace LW2-Z-1a.4.6a.6a.40.40/F8

Power transmission and distribution ON/OFF control switch

Function to replace LW2 series transfer switch

◎ Power transmission and distribution ON/OFF control switch

Switch order code	LW39-16A-Z/1a.4.6a.40.20.20/10 LW39-25-Z/1a.4.6a.40.20.20/10					
Panel indication	After break	Pre-close	Close	After close	Pre-break	Break
Handle direction	←	↑	↗	↑	←	↘
Position angle	-90°	0°	45° →	0°	-90°	-135° →

1a	1-2		×		×	
	3-4	×			×	
4	5-6			×		
	7-8					×
6a	9-10		×		×	
	11-12		×		×	
	13-14			×		
	15-16	×			×	×
	17-18			×		
	19-20	×			×	×
40	21-22		×		×	
	23-24	×				×
	25-26			×	×	
20	27-28			×	×	
	29-30		×			×
	31-32	×				×
20	33-34			×	×	
	35-36		×		×	
	37-38	×				×
	39-40					

Note: replace LW2-Z-1a.4.6a.40.20.20.6a/F8

Switch order code	LW39-16A-Z/1a.4.20.20/5 LW39-25-Z/1a.4.20.20/5					
Panel indication	After break	Pre-close	Close	After close	Pre-break	Break
Handle direction	←	↑	↗	↑	←	↘
Position angle	-90°	0°	45° →	0°	-90°	-135° →

1a	1-2		×		×	
	3-4	×			×	
4	5-6			×		
	7-8					×
20	9-10			×	×	
	11-12		×		×	
	13-14	×				×
20	15-16			×	×	
	17-18		×		×	
	19-20	×				×

Note: replace LW2-Z-1a.4.20.20/F8

Switch order code	LW39-16A-Z/1a.4.20/4 LW39-25-Z/1a.4.20/4					
Panel indication	After break	Pre-close	Close	After close	Pre-break	Break
Handle direction	←	↑	↗	↑	←	↘
Position angle	-90°	0°	45° →	0°	-90°	-135° →

1a	1-2		×		×	
	3-4	×			×	
4	5-6			×		
	7-8					×
20	9-10			×	×	
	11-12		×			×
	13-14	×				×
	15-16					

Note: replace LW2-Z-1a.4.20/F8

Switch order code	LW39-16A-Z/1a.4.6a.40.20.20.4/11 LW39-25-Z/1a.4.6a.40.20.20.4/11					
Panel indication	After break	Pre-close	Close	After close	Pre-break	Break
Handle direction	←	↑	↗	↑	←	↘
Position angle	-90°	0°	45° →	0°	-90°	-135° →

1a	1-2		×		×	
	3-4	×			×	
4	5-6			×		
	7-8					×
6a	9-10		×		×	
	11-12					
	13-14			×		
	15-16	×			×	×
40	17-18		×		×	
	19-20	×				×
	21-22			×	×	
20	23-24			×	×	
	25-26		×			×
	27-28	×				×
20	29-30			×	×	
	31-32		×			×
	33-34	×				×
20	35-36			×	×	
	37-38		×		×	
	39-40	×				×
4	41-42			×		
	43-44					×

Note: replace LW2-Z-1a.4.6a.40.20.20.4/F8

⊙ Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16A-Z/1a.4.40.20.4/6 LW39-25-Z/1a.4.40.20.4/6					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
40	9-10		×			×	
	11-12	×					×
	13-14			×	×		
20	15-16			×	×		
	17-18		×			×	
	19-20	×					×
4	21-22			×			
	23-24						×

Note: replace LW2-Z-1a.4.40.20.4/F8

Switch order code		LW39-16A-Z/4.1a/2 LW39-25-Z/4.1a/2					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-2			×			
	3-4						×
1a	5-6		×		×		
	7-8	×				×	

Note: replace LW2-Z-4.1a/F8

Switch order code		LW39-16A-Z/4.1a.4/3 LW39-25-Z/4.1a.4/3					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-2			×			
	3-4						×
1a	5-6		×		×		
	7-8	×				×	
4	9-10			×			
	11-12						×

Note: replace LW2-Z-4.1a.4/F8

Switch order code		LW39-16A-Z/4.4/2 LW39-25-Z/4.4/2					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-2			×			
	3-4						×
4	5-6			×			
	7-8						×

Note: replace LW2-Z-4.4/F8

Switch order code		LW39-16A-Z/4.4.40/4 LW39-25-Z/4.4.40/4					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-2			×			
	3-4						×
4	5-6			×			
	7-8						×
40	9-10		×			×	
	11-12	×					×
	13-14			×	×		
	15-16						

Note: replace LW2-Z-4.4.40/F8

Switch order code		LW39-16A-Z/4.4.40.40/5 LW39-25-Z/4.4.40.40/5					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-2			×			
	3-4						×
4	5-6			×			
	7-8						×
40	9-10		×			×	
	11-12	×					×
	13-14			×	×		
40	15-16		×			×	
	17-18	×					×
	19-20			×	×		

Note: replace LW2-Z-4.4.40.40/F8

Power transmission and distribution ON/OFF control switch

Function to replace LW2 series transfer switch

LW39 CAM SWITCH

Order codes of common cam switches SELECTION GUIDE AND JUNCTION CODE TABLE

Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16A-ZJ/1a.4.6a/4 LW39-25-ZJ/1a.4.6a/4					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
6a	9-10		×		×		
	10						
	9-12			×			
	11-10	×				×	×

Note: replace LW2-Z-1a.4.6a/F8

Switch order code		LW39-16A-ZJ/1a.4.4.6a/5 LW39-25-ZJ/1a.4.4.6a/5					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
4	9-12			×			
	10-11						×
6a	13-14		×		×		
	14						
	13-16			×			
	15-14	×				×	×

Note: replace LW2-Z-1a.4.4.6a/F8

Switch order code		LW39-16A-ZJ/1a.4.4.6a.40.20/8 LW39-25-ZJ/1a.4.4.6a.40.20/8					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
4	9-12			×			
	10-11						×
6a	13-14		×		×		
	14						
	13-16			×			
	15-14	×				×	×
40	17-18		×			×	
	19-18	×					×
	17-20			×	×		
20	21-23			×	×		
	24-22		×			×	
	21-22	×					×

Note: replace LW2-Z-1a.4.4.6a.40.20/F8

Switch order code		LW39-16A-ZJ/1a.4.6a.40.20.4/8 LW39-25-ZJ/1a.4.6a.40.20.4/8					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
6a	9-10		×		×		
	10						
	9-12			×			
	11-10	×				×	×
40	13-14		×			×	
	15-14	×					×
20	13-16			×	×		
	17-19			×	×		
4	20-18		×			×	
	17-18	×					×
	21-24			×			
4	22-23						×

Note: replace LW2-Z-1a.4.6a.40.20.4/F8

☉ Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16A-ZJ/1a.4.6a.20/6 LW39-25-ZJ/1a.4.6a.20/6					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
6a	9-10		×		×		
	10						
	9-12			×			
	11-10	×				×	×
20	13-14		×			×	
	13-15			×	×		
	16-14	×					×

Switch order code		LW39-16A-ZJ/1a.4.6a.40.20/7 LW39-25-ZJ/1a.4.6a.40.20/7					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
6a	9-10		×		×		
	10						
	9-12			×			
	11-10	×				×	×
40	13-14		×			×	
	15-14	×					×
	13-16			×	×		
20	17-19			×	×		
	20-18	×					×
	17-18		×			×	

Note: replace LW2-Z-1a.4.6a.40.20/F8

Switch order code		LW39-16A-ZJ/1a.4.6a.40.20.20/9 LW39-25-ZJ/1a.4.6a.40.20.20/9					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
6a	9-10		×		×		
	10						
	9-12			×			
	11-10	×				×	×
40	13-14		×			×	
	15-14	×					×
	13-16			×	×		
20	17-19			×	×		
	20-18		×			×	
	17-18	×					×
20	21-22		×			×	
	21-23			×	×		
	24-22	×					×

Note: replace LW2-Z-1a.4.6a.40.20.20/F8

Switch order code		LW39-16A-ZJ/1a.4.6a.40.20.40/9 LW39-25-ZJ/1a.4.6a.40.20.40/9					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
6a	9-10		×		×		
	10						
	9-12			×			
	11-10	×				×	×
40	13-14		×			×	
	15-14	×					×
	13-16			×	×		
20	17-19			×	×		
	20-18		×			×	
	17-18	×					×
40	21-22		×			×	
	23-22	×					×
	21-24			×	×		

Note: replace LW2-Z-1a.4.6a.40.20.40/F8

Power transmission and distribution ON/OFF control switch

Completely replace LW2 series transfer switch

◎ Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16A-ZJ/1a.4.6.6a.40.40/9 LW39-25-ZJ/1a.4.6.6a.40.40/9					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
6	9-10	×				×	
	10						
	9-12		×	×	×		
	11-10						×
6a	13-14		×		×		
	14						
	13-16			×			
	16-14	×				×	×
40	17-18		×			×	
	19-18	×					×
40	17-20			×	×		
	21-24			×	×		
	23-22	×					×
	21-22		×			×	

Note: replace LW2-Z-1a.4.6.6a.40.40/F8

Switch order code		LW39-16A-ZJ/1a.4.6a.6a.40.40/9 LW39-25-ZJ/1a.4.6a.6a.40.40/9					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
6	9-10		×		×		
	10						
	9-12			×			
	11-10	×				×	×
6a	13-14		×		×		
	14						
	13-16			×			
	16-14	×				×	×
40	17-18		×			×	
	19-18	×					×
40	17-20			×	×		
	21-24			×	×		
	23-22	×					×
	21-22		×			×	

Note: replace LW2-Z-1a.4.6a.6a.40.40/F8

Switch order code		LW39-16A-ZJ/1a.4.20/4 LW39-25-ZJ/1a.4.20/4					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
20	9-10		×			×	
	9-11			×	×		
	12-10	×					×

Note: replace LW2-Z-1a.4.20/F8

Switch order code		LW39-16A-ZJ/1a.4.20.20/5 LW39-25-ZJ/1a.4.20.20/5					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
20	9-10		×			×	
	9-11			×	×		
	12-10	×					×
20	13-15			×	×		
	16-14		×			×	
	13-14	×					×

Note: replace LW2-Z-1a.4.20.20/F8

⊙ Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16A-ZJ/1a.4.40.20.4/6 LW39-25-ZJ/1a.4.40.20.4/6					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
40	9-10		×			×	
	11-10	×					×
	9-12			×	×		
20	13-15			×	×		
	16-14		×			×	
	13-14	×					×
4	17-20			×			
	18-19						×

Note: replace LW2-Z-1a.4.40.20.4/F8

Switch order code		LW39-16A-ZJ/4.1a/2 LW39-25-ZJ/4.1a/2					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-3			×			
	2-4						×
1a	5-8		×		×		
	6-7	×				×	

Note: replace LW2-Z-4.1a/F8

Switch order code		LW39-16A-ZJ/4.1a.4/3 LW39-25-ZJ/4.1a.4/3					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-3			×			
	2-4						×
1a	5-8		×		×		
	6-7	×				×	
4	9-12			×			
	10-11						×

Note: replace LW2-Z-4.1a.4/F8

Switch order code		LW39-16A-ZJ/4.4/2 LW39-25-ZJ/4.4/2					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-3			×			
	2-4						×
4	5-8			×			
	6-7						×

Note: replace LW2-Z-4.4/F8

Switch order code		LW39-16A-ZJ/4.4.40/4 LW39-25-ZJ/4.4.40/4					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-3			×			
	2-4						×
4	5-8			×			
	6-7						×
40	9-10		×			×	
	11-10	×					×
	9-12			×	×		

Note: replace LW2-Z-4.4.40/F8

Switch order code		LW39-16A-ZJ/4.4.40.40/5 LW39-25-ZJ/4.4.40.40/5					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-3			×			
	2-4						×
4	5-8			×			
	6-7						×
40	9-10		×			×	
	11-10	×					×
	9-12			×	×		
40	13-16			×	×		
	15-14	×					×
	13-14		×			×	

Note: replace LW2-Z-4.4.40.40/F8

Power transmission and distribution ON/OFF control switch

Completely replace LW2 series transfer switch

LW39 CAM SWITCH

Order codes of common cam switches SELECTION GUIDE AND JUNCTION CODE TABLE

Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16B-Z/1a.4.6a/4 LW39-16C-Z/1a.4.6a/4					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12						
	13-14			×			
	15-16	×				×	×

Note: replace LW2-Z-1a.4.6a/F8

Switch order code		LW39-16B-Z/1a.4.4.6a/5 LW39-16C-Z/1a.4.4.6a/5					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
4	9-10			×			
	11-12						×
6a	13-14		×		×		
	15-16						
	17-18			×			
	19-20	×				×	×

Note: replace LW2-Z-1a.4.4.6a/F8

Switch order code		LW39-16B-Z/4.6a/3 LW39-16C-Z/4.6a/3					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-2			×			
	3-4						×
6a	5-6		×		×		
	7-8						
	9-10			×			
	11-12	×				×	×

Switch order code		LW39-16B-Z/1a.4.6a.20/7 LW39-16C-Z/1a.4.6a.20/7					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12						
	13-14			×			
	15-16	×				×	×
20	17-18						
	19-20						
	21-22			×	×		
	23-24		×			×	
20	25-26	×					×
	27-28						

Note: replace LW2-Z-1a.4.6a.20/F8

Switch order code		LW39-16B-Z/1a.4.4.6a.40.20/9 LW39-16C-Z/1a.4.4.6a.40.20/9					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
4	9-10			×			
	11-12						×
6a	13-14		×		×		
	15-16						
	17-18			×			
	19-20	×				×	×
40	21-22						
	23-24						
40	25-26		×			×	
	27-28	×					×
	29-30			×	×		
20	31-32			×	×		
	33-34		×			×	
	35-36	×					×

Note: replace LW2-Z-1a.4.4.6a.40.20/F8

Power transmission and distribution ON/OFF control switch

Completely replace LW2 series transfer switch

⊙ Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16B-Z/1a.4.6a.40.20/6 LW39-16C-Z/1a.4.6a.40.20/6					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×	×	×		
	11-12	×				×	×
40	13-14						
	15-16						
	17-18	×	×			×	×
	19-20			×	×		
20	21-22			×	×		
	23-24	×					×

Note: replace LW2-Z-1a.4.6a.40.20/F8

Switch order code		LW39-16B-Z/1a.4.6a.40.20/8 LW39-16C-Z/1a.4.6a.40.20/8					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12						
	13-14			×			
	15-16	×				×	×
40	17-18						
	19-20						
40	21-22		×			×	
	23-24	×					×
	25-26			×	×		
20	27-28			×	×		
	29-30		×			×	
	31-32	×					×

Note: replace LW2-Z-1a.4.6a.40.20/F8

Switch order code		LW39-16B-Z/1a.4.6a.40.20/9 LW39-16C-Z/1a.4.6a.40.20/9					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
6a	9-10		×		×		
	11-12						
	13-14			×			
	15-16	×				×	×
40	17-18						×
	19-20						
40	21-22						
	23-24						
	25-26		×			×	
	27-28	×					×
20	29-30			×	×		
	31-32			×	×		
	33-34		×			×	
	35-36	×					×

Note: replace LW2-Z-1a.4.6a.40.20/F8

Switch order code		LW39-16B-Z/1a.4.20/5 LW39-16C-Z/1a.4.20/5					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-2		×		×		
	3-4	×				×	
4	5-6			×			
	7-8						×
20	9-10						
	11-12						
	13-14			×	×		
	15-16		×			×	
	17-18	×					×
	19-20						

Note: replace LW2-Z-1a.4.20/F8

Power transmission and distribution ON/OFF control switch

Completely replace LW2 series transfer switch

Power transmission and distribution ON/OFF control switch

Switch order code	LW39-16B-Z/1a.4.20.20/6 LW39-16C-Z/1a.4.20.20/6					
Panel indication	After break	Pre-close	Close	After close	Pre-break	Break
Handle direction	←	↑	↗	↑	←	↘
Position angle	-90°	0°	45° →	0°	-90°	-135° →

1a	1-2		×		×	
	3-4	×			×	
4	5-6			×		
	7-8					×
20	9-10					
	11-12					
	13-14			×	×	
	15-16		×		×	
	17-18	×				×
20	19-20			×	×	
	21-22		×		×	
	23-24	×				×

Note: replace LW2-Z-1a.4.20.20/F8

Switch order code	LW39-16B-Z/4.1a/2 LW39-16C-Z/4.1a/2					
Panel indication	After break	Pre-close	Close	After close	Pre-break	Break
Handle direction	←	↑	↗	↑	←	↘
Position angle	-90°	0°	45° →	0°	-90°	-135° →

4	1-2			×		
	3-4					×
1a	5-6		×		×	
	7-8	×				×

Note: replace LW2-Z-4.1a/F8

Switch order code	LW39-16B-Z/4.1a.4/3 LW39-16C-Z/4.1a.4/3					
Panel indication	After break	Pre-close	Close	After close	Pre-break	Break
Handle direction	←	↑	↗	↑	←	↘
Position angle	-90°	0°	45° →	0°	-90°	-135° →

4	1-2			×		
	3-4					×
1a	5-6		×		×	
	7-8	×				×
4	9-10			×		
	11-12					×

Note: replace LW2-Z-4.1a.4/F8

Switch order code	LW39-16B-Z/4.4/2 LW39-16C-Z/4.4/2					
Panel indication	After break	Pre-close	Close	After close	Pre-break	Break
Handle direction	←	↑	↗	↑	←	↘
Position angle	-90°	0°	45° →	0°	-90°	-135° →

4	1-2			×		
	3-4					×
4	5-6			×		
	7-8					×

Note: replace LW2-Z-4.4/F8

Switch order code	LW39-16B-Z/4.4.4/3 LW39-16C-Z/4.4.4/3					
Panel indication	After break	Pre-close	Close	After close	Pre-break	Break
Handle direction	←	↑	↗	↑	←	↘
Position angle	-90°	0°	45° →	0°	-90°	-135° →

4	1-2			×		
	3-4					×
4	5-6			×		
	7-8					×
4	9-10			×		
	11-12					×

Switch order code	LW39-16B-Z/4.4.40.40/6 LW39-16C-Z/4.4.40.40/6					
Panel indication	After break	Pre-close	Close	After close	Pre-break	Break
Handle direction	←	↑	↗	↑	←	↘
Position angle	-90°	0°	45° →	0°	-90°	-135° →

4	1-2			×		
	3-4					×
4	5-6			×		
	7-8					×
40	9-10		×		×	
	11-12	×				×
40	13-14			×	×	
	15-16					
	17-18					
	19-20		×		×	
	21-22	×				×
	23-24			×	×	

Note: replace LW2-Z-4.4.40.40/F8

☉ Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16B-ZJ/1a.4.6a/4 LW39-16C-ZJ/1a.4.6a/4					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
6a	9-10		×		×		
	10						
	9-12			×			
	11-10	×				×	×

Note: replace LW2-Z-1a.4.6a/F8

Switch order code		LW39-16B-ZJ/1a.4.4.6a/5 LW39-16C-ZJ/1a.4.4.6a/5					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
4	9-12			×			
	10-11						×
6a	13-14		×		×		
	14						
	13-16			×			
	15-14	×				×	×

Note: replace LW2-Z-1a.4.4.6a/F8

Switch order code		LW39-16B-ZJ/1a.4.4.6a.40.20/9 LW39-16C-ZJ/1a.4.4.6a.40.20/9					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
4	9-12			×			
	10-11						×
6a	13-14		×		×		
	14						
	13-16			×			
	15-14	×				×	×
40	17-18		×			×	
	19-18	×					×
	17-20			×	×		
	21-23			×	×		
20	24-22		×			×	
	21-22	×					×

Note: replace LW2-Z-1a.4.4.6a.40.20/F8

Switch order code		LW39-16B-ZJ/1a.4.6a.20/7 LW39-16C-ZJ/1a.4.6a.20/7					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↘
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
6a	9-10		×		×		
	10						
	9-12			×			
	11-10	×				×	×
20	13-14		×			×	
	13-15			×	×		
	16-14	×					×

Power transmission and distribution ON/OFF control switch

Completely replace LW2 series transfer switch

◎ Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16B-ZJ/1a.4.6a.40.20/8 LW39-16C-ZJ/1a.4.6a.40.20/8					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
6a	9-10		×		×		
	10						
	9-12			×			
	11-10	×				×	×
40	13-14		×			×	
	15-14	×					×
	13-16			×	×		
	17-19			×	×		
20	20-18	×					×
	17-18		×			×	

Note: replace LW2-Z-1a.4.6a.40.20/F8

Switch order code		LW39-16B-ZJ/1a.4.20.20/6 LW39-16C-ZJ/1a.4.20.20/6					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
20	9-10		×			×	
	9-11			×	×		
	12-10	×					×
	13-15			×	×		
20	16-14		×			×	
	13-14	×					×

Note: replace LW2-Z-1a.4.20.20/F8

Switch order code		LW39-16B-ZJ/1a.4.20/5 LW39-16C-ZJ/1a.4.20/5					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
1a	1-3		×		×		
	2-4	×				×	
4	5-8			×			
	6-7						×
20	9-10		×			×	
	9-11			×	×		
	12-10	×					×

Note: replace LW2-Z-1a.4.20/F8

Switch order code		LW39-16B-ZJ/4.4/2 LW39-16C-ZJ/4.4/2					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-3			×			
	2-4						×
4	5-8			×			
	6-7						×

Note: replace LW2-Z-4.4/F8

Switch order code		LW39-16B-ZJ/4.1a/2 LW39-16C-ZJ/4.1a/2					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-3			×			
	2-4						×
1a	5-8		×		×		
	6-7	×				×	

Note: replace LW2-Z-4.1a/F8

Power transmission and distribution ON/OFF control switch

Completely replace LW2 series transfer switch

⊙ Power transmission and distribution ON/OFF control switch

Switch order code		LW39-16B-ZJ/4.1a.4/3 LW39-16C-ZJ/4.1a.4/3					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-3			×			
	2-4						×
1a	5-8		×		×		
	6-7	×				×	
4	9-12			×			
	10-11						×

Note: replace LW2-Z-4.1a.4/F8

Switch order code		LW39-16B-ZJ/4.4.40/5 LW39-16C-ZJ/4.4.40/5					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-3			×			
	2-4						×
4	5-8			×			
	6-7						×
40	9-10		×			×	
	11-10	×					×
	9-12			×	×		

Note: replace LW2-Z-4.4.40/F8

Switch order code		LW39-16B-ZJ/4.4.40.40/6 LW39-16C-ZJ/4.4.40.40/6					
Panel indication		After break	Pre-close	Close	After close	Pre-break	Break
Handle direction		←	↑	↗	↑	←	↙
Position angle		-90°	0°	45° →	0°	-90°	-135° →
4	1-3			×			
	2-4						×
4	5-8			×			
	6-7						×
40	9-10		×			×	
	11-10	×					×
	9-12			×	×		
	13-16			×	×		
40	15-14	×					×
	13-14		×			×	

Note: replace LW2-Z-4.4.40.40/F8

Power transmission and distribution ON/OFF control switch

Completely replace LW2 series transfer switch

◎ Capacitor cabinet regulating switch

Order code	LW39-16A-3JD-0-6/3 LW39-16B-3JD-0-6/3 LW39-16C-3JD-0-6/3 LW39-25-3JD-0-6/3						
B21	0	1	2	3	4	5	6
	90°	60°	30°	0°	30°	60°	90°
1-2		×	×	×	×	×	×
3-4			×	×	×	×	×
5-6				×	×	×	×
7-8					×	×	×
9-10						×	×
11-12							×

Order code	LW39-16A-3OG-101-6/4 LW39-16B-3OG-101-6/4 LW39-16C-3OG-101-6/4 LW39-25-3OG-101-6/4								
	B26	Auto	0	1	2	3	4	5	6
	30°	0°	30°	60°	90°	120°	150°	180°	
1-2	×								
3-4			×	×	×	×	×	×	×
5-6				×	×	×	×	×	×
7-8					×	×	×	×	×
9-10						×	×	×	×
11-12							×	×	×
13-14									×
15-16									

Order code	LW39-16A-3JE-1-8/4 LW39-16B-3JE-1-8/4 LW39-16C-3JE-1-8/4 LW39-25-3JE-1-8/4								
	B25	1	2	3	4	5	6	7	8
		90°	60°	30°	0°	30°	60°	90°	120°
	1-2	×	×	×	×	×	×	×	×
3-4			×	×	×	×	×	×	×
5-6				×	×	×	×	×	×
7-8					×	×	×	×	×
9-10						×	×	×	×
11-12							×	×	×
13-14								×	×
15-16									×

Order code	LW39-16A-3OG-21-7/5 LW39-16B-3OG-21-7/5 LW39-16C-3OG-21-7/5 LW39-25-3OG-21-7/5								
	B26	Auto	0	1	2	3	4	5	6
	30°	0°	30°	60°	90°	120°	150°	180°	
1-2		×	×	×	×	×	×	×	×
3-4	×								
5-6	×								
7-8			×	×	×	×	×	×	×
9-10				×	×	×	×	×	×
11-12					×	×	×	×	×
13-14						×	×	×	×
15-16							×	×	×
17-18									×
19-20									

Order code	LW39-16A-3OF-101-5/3 LW39-16B-3OF-101-5/3 LW39-16C-3OF-101-5/3 LW39-25-3OF-101-5/3						
B23	Auto	0	1	2	3	4	5
	30°	0°	30°	60°	90°	120°	150°
1-2	×						
3-4			×	×	×	×	×
5-6				×	×	×	×
7-8					×	×	×
9-10						×	×
11-12							×

Order code	LW39-16A-3OG-11-7/4 LW39-16B-3OG-11-7/4 LW39-16C-3OG-11-7/4 LW39-25-3OG-11-7/4								
	B26	Auto	0	1	2	3	4	5	6
		30°	0°	30°	60°	90°	120°	150°	180°
	1-2		×	×	×	×	×	×	×
3-4	×								
5-6			×	×	×	×	×	×	
7-8				×	×	×	×	×	
9-10					×	×	×	×	
11-12						×	×	×	
13-14							×	×	
15-16								×	

Order code	LW39-16A-3JF-0-8/4 LW39-16B-3JF-0-8/4 LW39-16C-3JF-0-8/4 LW39-25-3JF-0-8/4									
	B27	0	1	2	3	4	5	6	7	8
		90°	60°	30°	0°	30°	60°	90°	120°	150°
	1-2		×	×	×	×	×	×	×	×
3-4				×	×	×	×	×	×	×
5-6					×	×	×	×	×	×
7-8						×	×	×	×	×
9-10							×	×	×	×
11-12								×	×	×
13-14									×	×
15-16										×

Order code	LW39-16A-3JH-0-A/5 LW39-16B-3JH-0-A/5 LW39-16C-3JH-0-A/5 LW39-25-3JH-0-A/5											
	B33	0	1	2	3	4	5	6	7	8	9	10
	90°	60°	30°	0°	30°	60°	90°	120°	150°	180°	210°	
1-2		×	×	×	×	×	×	×	×	×	×	×
3-4			×	×	×	×	×	×	×	×	×	×
5-6				×	×	×	×	×	×	×	×	×
7-8					×	×	×	×	×	×	×	×
9-10						×	×	×	×	×	×	×
11-12							×	×	×	×	×	×
13-14								×	×	×	×	×
15-16									×	×	×	×
17-18										×	×	×
19-20												×

Capacitor cabinet regulating switch

Order code	LW39-16A-3OI-11-9/5 LW39-16B-3OI-11-9/5 LW39-16C-3OI-11-9/5 LW39-25-3OI-11-9/5										
	B32	Auto	0	1	2	3	4	5	6	7	8
		30°	0°	30°	60°	90°	120°	150°	180°	210°	240°
	1-2	×									
	3-4		×	×	×	×	×	×	×	×	×
5-6			×	×	×	×	×	×	×	×	
7-8				×	×	×	×	×	×	×	
9-10					×	×	×	×	×	×	
11-12						×	×	×	×	×	
13-14							×	×	×	×	
15-16								×	×	×	
17-18									×	×	
19-20										×	

Order code	LW39-16A-3OG-224-9/6 LW39-16B-3OG-224-9/6 LW39-16C-3OG-224-9/6 LW39-25-3OG-224-9/6								
	B26	Auto	0	1	2	3	4	5	6
		30°	0°	30°	60°	90°	120°	150°	180°
1-2				X	X	X	X	X	X
3-4				X	X	X	X	X	X
5-6		X	X						
7-8			X	X	X	X	X	X	X
9-10		X							
11-12				X	X	X	X	X	X
13-14					X	X	X	X	X
15-16						X	X	X	X
17-18							X	X	X
19-20								X	X
21-22									X
23-24									

Order code	LW39-16A-3OI-31-9/6 LW39-16B-3OI-31-9/6 LW39-16C-3OI-31-9/6 LW39-25-3OI-31-9/6										
	B32	Auto	0	1	2	3	4	5	6	7	8
		30°	0°	30°	60°	90°	120°	150°	180°	210°	240°
1-2			×	×	×	×	×	×	×	×	×
3-4				×	×	×	×	×	×	×	×
5-6					×	×	×	×	×	×	×
7-8						×	×	×	×	×	×
9-10							×	×	×	×	×
11-12								×	×	×	×
13-14									×	×	×
15-16										×	×
17-18											×
19-20	×										
21-22	×										
23-24	×										

Order code	LW39-16A-3OI-20-8/5 LW39-16B-3OI-20-8/5 LW39-16C-3OI-20-8/5 LW39-25-3OI-20-8/5										
	B32	Auto	0	1	2	3	4	5	6	7	8
		30°	0°	30°	60°	90°	120°	150°	180°	210°	240°
1-2	×										
3-4	×										
5-6				×	×	×	×	×	×	×	×
7-8					×	×	×	×	×	×	×
9-10						×	×	×	×	×	×
11-12							×	×	×	×	×
13-14								×	×	×	×
15-16									×	×	×
17-18										×	×
19-20											×

Order code	LW39-16A-3OI-21-9/6 LW39-16B-3OI-21-9/6 LW39-16C-3OI-21-9/6 LW39-25-3OI-21-9/6										
	B32	Auto	0	1	2	3	4	5	6	7	8
		30°	0°	30°	60°	90°	120°	150°	180°	210°	240°
1-2			×	×	×	×	×	×	×	×	×
3-4		×									
5-6		×									
7-8				×	×	×	×	×	×	×	×
9-10					×	×	×	×	×	×	×
11-12						×	×	×	×	×	×
13-14							×	×	×	×	×
15-16								×	×	×	×
17-18									×	×	×
19-20										×	×
21-22											×
23-24											

Order code	LW39-16A-3OI-224-B/7 LW39-16B-3OI-224-B/7 LW39-16C-3OI-224-B/7 LW39-25-3OI-224-B/7										
	B32	Auto	0	1	2	3	4	5	6	7	8
	30°	0°	30°	60°	90°	120°	150°	180°	210°	240°	
1-2				X	X	X	X	X	X	X	X
3-4				X	X	X	X	X	X	X	X
5-6	X	X									
7-8		X	X	X	X	X	X	X	X	X	X
9-10	X										
11-12			X	X	X	X	X	X	X	X	X
13-14				X	X	X	X	X	X	X	X
15-16					X	X	X	X	X	X	X
17-18						X	X	X	X	X	X
19-20							X	X	X	X	X
21-22								X	X	X	X
23-24									X	X	
25-26										X	
27-28											

LW39 CAM SWITCH

Order codes of common cam switches SELECTION GUIDE AND JUNCTION CODE TABLE

◎ Capacitor cabinet regulating switch

Order code	LW39-16A-3OK-20-A/6 LW39-16B-3OK-20-A/6 LW39-16C-3OK-20-A/6 LW39-25-3OK-20-A/6												
	B38	Auto	0	1	2	3	4	5	6	7	8	9	10
		30°	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
1-2			×	×	×	×	×	×	×	×	×	×	×
3-4				×	×	×	×	×	×	×	×	×	×
5-6					×	×	×	×	×	×	×	×	×
7-8						×	×	×	×	×	×	×	×
9-10							×	×	×	×	×	×	×
11-12								×	×	×	×	×	×
13-14									×	×	×	×	×
15-16										×	×	×	×
17-18											×	×	×
19-20												×	×
21-22	×												
23-24	×												

Order code	LW39-16A-3OK-21-AC/7 LW39-16B-3OK-21-AC/7 LW39-16C-3OK-21-AC/7 LW39-25-3OK-21-AC/7												
	B38	Auto	0	1	2	3	4	5	6	7	8	9	10
		30°	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
1-2		×	×	×	×	×	×	×	×	×	×	×	×
3-4	×												
5-6	×												
7-8			×	×	×	×	×	×	×	×	×	×	×
9-10				×	×	×	×	×	×	×	×	×	×
11-12					×	×	×	×	×	×	×	×	×
13-14						×	×	×	×	×	×	×	×
15-16							×	×	×	×	×	×	×
17-18								×	×	×	×	×	×
19-20									×	×	×	×	×
21-22										×	×	×	×
23-24												×	×
25-26													×
27-28													×

Order code	LW39-16A-3OK-31-B/7 LW39-16B-3OK-31-B/7 LW39-16C-3OK-31-B/7 LW39-25-3OK-31-B/7												
	B38	Auto	0	1	2	3	4	5	6	7	8	9	10
		30°	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
1-2		×	×	×	×	×	×	×	×	×	×	×	×
3-4	×												
5-6	×												
7-8	×												
9-10			×	×	×	×	×	×	×	×	×	×	×
11-12				×	×	×	×	×	×	×	×	×	×
13-14					×	×	×	×	×	×	×	×	×
15-16						×	×	×	×	×	×	×	×
17-18							×	×	×	×	×	×	×
19-20								×	×	×	×	×	×
21-22									×	×	×	×	×
23-24										×	×	×	×
25-26												×	×
27-28													×

Capacitor cabinet regulating switch

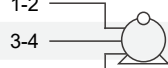
Order code	LW39-16A-3OK-101-A/6 LW39-16B-3OK-101-A/6 LW39-16C-3OK-101-A/6 LW39-25-3OK-101-A/6												
	B38	Auto	0	1	2	3	4	5	6	7	8	9	10
		30°	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
1-2	×												
3-4				×	×	×	×	×	×	×	×	×	×
5-6					×	×	×	×	×	×	×	×	×
7-8						×	×	×	×	×	×	×	×
9-10							×	×	×	×	×	×	×
11-12								×	×	×	×	×	×
13-14									×	×	×	×	×
15-16										×	×	×	×
17-18											×	×	×
19-20												×	×
21-22													×
23-24													

Order code	LW39-16A-3OK-102-B/6 LW39-16B-3OK-102-B/6 LW39-16C-3OK-102-B/6 LW39-25-3OK-102-B/6												
	B38	Auto	0	1	2	3	4	5	6	7	8	9	10
	30°	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°	
1-2			×	×	×	×	×	×	×	×	×	×	×
3-4	×												
5-6			×	×	×	×	×	×	×	×	×	×	×
7-8				×	×	×	×	×	×	×	×	×	×
9-10					×	×	×	×	×	×	×	×	×
11-12						×	×	×	×	×	×	×	×
13-14							×	×	×	×	×	×	×
15-16								×	×	×	×	×	×
17-18									×	×	×	×	×
19-20										×	×	×	×
21-22												×	×
23-24													×

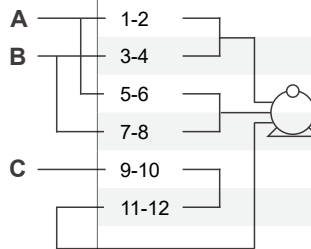
Order code	LW39-16A-3OK-223-C/8 LW39-16B-3OK-223-C/8 LW39-16C-3OK-223-C/8 LW39-25-3OK-223-C/8												
	B38	Auto	0	1	2	3	4	5	6	7	8	9	10
		30°	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
1-2			X	X	X	X	X	X	X	X	X	X	X
3-4			X	X	X	X	X	X	X	X	X	X	X
5-6	X	X											
7-8		X											
9-10	X												
11-12			X	X	X	X	X	X	X	X	X	X	X
13-14				X	X	X	X	X	X	X	X	X	X
15-16					X	X	X	X	X	X	X	X	X
17-18						X	X	X	X	X	X	X	X
19-20							X	X	X	X	X	X	X
21-22								X	X	X	X	X	X
23-24									X	X	X	X	X
25-26										X	X	X	X
27-28											X	X	X
29-30												X	X
31-32													

◎ Product order code of switches controlling the motors

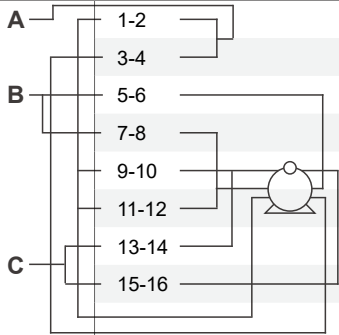
Function	Direct startup, disconnected during the operation		
Order code	LW39-63-Q15/2 LW39-25-Q5.5/2 LW39-16A-Q3/2 LW39-16B-Q3/2 LW39-16C-Q3/2		
Panel	A28	OFF	ON
	Position angle	0°	45°
A	1-2		×
B	3-4		×
C	5-6		×
	7-8		



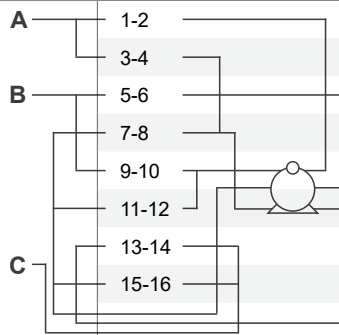
Function	Startup, plug braking Reversal, closed ON/OFF			
Order code	LW39-63-N6/3 LW39-25-N4/3 LW39-16A-N1.2/3 LW39-16B-N1.2/3 LW39-16C-N1.2/3			
Panel	A4 B369	1	0	2
	Position angle	-45°	0°	45°
A	1-2			×
B	3-4	×		
	5-6	×		
	7-8			×
C	9-10	×		×
	11-12	×		×



Function	Dual-speed motor startup and variable speed			
Order code	LW39-63-S15/4 LW39-25-S5.5/4 LW39-16A-S3/4 LW39-16B-S3/4 LW39-16C-S3/4			
Panel	A4 B369	1	0	2
	Position angle	-45°	0°	45°
A	1-2	×		
	3-4			×
B	5-6			×
	7-8	×		
	9-10			×
	11-12			×
C	13-14	×		
	15-16			×



Function	Star delta startup			
Order code	LW39-63-XS18.5/4 LW39-25-XS7.5/4 LW39-16A-XS2.2/4 LW39-16B-XS2.2/4 LW39-16C-XS2.2/4			
Panel		0	Y	△
	Position angle	-45°	0°	45°
A	1-2		×	×
	3-4			×
B	5-6		×	×
	7-8		×	
	9-10			×
	11-12		×	
C	13-14		×	×
	15-16			×



Stepping switch and gear shifting switch (only applicable to LW39-25, LW39-16)

Single-pole stepping switch (2~5 gears) with 0 position							Order code
Position angle	0°	45°	90°	135°	180°	225°	
Panel content	0	1	2	3	4	5	
1-2		×					
3-4			×				LW39 - □ -4AC-011/1
5-6				×			LW39 - □ -4AD-0111J/2
7-8					×		LW39 - □ -4AE-01111J/2
9-10						×	LW39 - □ -4AF-011111J/3

Single-pole stepping switch (2~7 gears) with 0 position									Order code
Position angle	0°	45°	90°	135°	180°	225°	270°	315°	
Panel content	0	1	2	3	4	5	6	7	
1-2		×							
3-4			×						LW39 - □ -4AC-011/1
5-6				×					LW39 - □ -4AD-0111J/2
7-8					×				LW39 - □ -4AE-01111J/2
9-10						×			LW39 - □ -4AF-011111J/3
11-12							×		LW39 - □ -4AG-01×6J/3
13-14								×	LW39 - □ -4AO-01×7J/4

Single-pole stepping switch (2~11 gears) with 0 position													Order code
Position angle	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°	330°	
Panel content	0	1	2	3	4	5	6	7	8	9	10	11	
1-2		×											
3-4			×										LW39 - □ -3AC-011/1
5-6				×									LW39 - □ -3AD-0111J/2
7-8					×								LW39 - □ -3AE-01111J/2
9-10						×							LW39 - □ -3AF-011111J/3
11-12							×						LW39 - □ -3AG-01×6J/3
13-14								×					LW39 - □ -3AH-01×7J/4
15-16									×				LW39 - □ -3AI-01×8J/4
17-18										×			LW39 - □ -3AJ-01×9J/5
19-20											×		LW39 - □ -3AK-01×AJ/5
21-22												×	LW39 - □ -3AO-01×BJ/6

Stepping switch and gear shifting switch (only applicable to LW39-25, LW39-16)

Single-pole stepping switch (2~5 gears) without 0 position						
Position angle	0°	45°	90°	135°	180°	Order code
Panel content	1	2	3	4	5	
1-2	×					
3-4		×				LW39 - □ -4AB-11/1
5-6			×			LW39 - □ -4AC-111J/2
7-8				×		LW39 - □ -4AD-1111J/2
9-10					×	LW39 - □ -4AE-11111J/3

Single-pole stepping switch (2~8 gears) without 0 position									
Position angle	0°	45°	90°	135°	180°	225°	270°	315°	Order code
Panel content	1	2	3	4	5	6	7	8	
1-2	×								
3-4		×							LW39 - □ -4AB-11/1
5-6			×						LW39 - □ -4AC-111J/2
7-8				×					LW39 - □ -4AD-1111J/2
9-10					×				LW39 - □ -4AE-11111J/3
11-12						×			LW39 - □ -4AF-1×6J/3
13-14							×		LW39 - □ -4AG-1×7J/4
15-16								×	LW39 - □ -4AO-1×8J/4

Single-pole stepping switch (2~12 gears) without 0 position													
Position angle	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°	330°	Order code
Panel content	1	2	3	4	5	6	7	8	9	10	11	12	
1-2	×												
3-4		×											LW39 - □ -3AB-11/1
5-6			×										LW39 - □ -3AC-111J/2
7-8				×									LW39 - □ -3AD-1111J/2
9-10					×								LW39 - □ -3AE-11111J/3
11-12						×							LW39 - □ -3AF-1×6J/3
13-14							×						LW39 - □ -3AG-1×7J/4
15-16								×					LW39 - □ -3AH-1×8J/4
17-18									×				LW39 - □ -3AI-1×9J/5
19-20										×			LW39 - □ -3AJ-1×AJ/5
21-22											×		LW39 - □ -3AK-1×BJ/6
23-24												×	LW39 - □ -3AO-1×CJ/6

⊙ **Stepping switch and gear shifting switch**
(only applicable to LW39-25, LW39-16)

2-pole stepping switch (2~5 gears) with 0 position							Order code
Position angle	0°	45°	90°	135°	180°	225°	
Panel content	0	1	2	3	4	5	
1-2		×					LW39 - □ -4AC-022J/2
3-4		×					
5-6			×				
7-8			×				
9-10				×			LW39 - □ -4AD-0222J/3
11-12				×			
13-14					×		LW39 - □ -4AE-02222J/4
15-16					×		
17-18						×	LW39 - □ -4AF-022222J/5
19-20						×	

2-pole stepping switch (2~5 gears) without 0 position						Order code
Position angle	0°	45°	90°	135°	180°	
Panel content	1	2	3	4	5	
1-2	×					LW39 - □ -4AB-22J/2
3-4	×					
5-6		×				
7-8		×				
9-10			×			LW39 - □ -4AC-222J/3
11-12			×			
13-14				×		LW39 - □ -4AD-2222J/4
15-16				×		
17-18					×	LW39 - □ -4AE-22222J/5
19-20					×	

3-pole stepping switch (2 gears) with 0 position				Order code
Position angle	0°	45°	90°	
Panel content	0	1	2	
1-2		×		LW39 - □ -4AC-033J/3
3-4		×		
5-6			×	
7-8			×	
9-10		×		
11-12			×	

3-pole stepping switch (3 gears) with 0 position					Order code
Position angle	0°	45°	90°	135°	
Panel content	0	1	2	3	
1-2		×			
3-4		×			
5-6			×		
7-8			×		
9-10				×	
11-12				×	
13-14		×			LW39 - □ -4AD-0333J/5
15-16			×		
17-18				×	

3-pole stepping switch (4 gears) with 0 position						Order code
Position angle	0°	45°	90°	135°	180°	
Panel content	0	1	2	3	4	
1-2		×				
3-4		×				
5-6			×			
7-8			×			
9-10				×		
11-12				×		
13-14					×	
15-16					×	
17-18		×				
19-20			×			
21-22				×		
23-24					×	

Stepping switch and gear shifting switch (only applicable to LW39-25, LW39-16)

3-pole stepping switch (5 gears) with 0 position							
Position angle	0°	45°	90°	135°	180°	225°	Order code
Panel content	0	1	2	3	4	5	
1-2		X					
3-4		X					
5-6			X				
7-8			X				
9-10				X			
11-12				X			
13-14					X		
15-16					X		
17-18						X	
19-20						X	
21-22		X					
23-24			X				
25-26				X			
27-28					X		
29-30						X	LW39 - □ -4AF-033333J/8

3-pole stepping switch (6 gears) with 0 position								
Position angle	0°	45°	90°	135°	180°	225°	270°	Order code
Panel content	0	1	2	3	4	5	6	
1-2		X						
3-4		X						
5-6			X					
7-8			X					
9-10				X				
11-12				X				
13-14					X			
15-16					X			
17-18						X		
19-20						X		
21-22							X	
23-24							X	
25-26		X						
27-28			X					
29-30				X				
31-32					X			
33-34						X		
35-36							X	LW39 - □ -4AG-033333J/9

⊙ **Stepping switch and gear shifting switch**
(only applicable to LW39-25, LW39-16)

3-pole stepping switch (2 gears) without 0 position			
Position angle	0°	45°	Order code
Panel content	1	2	
1-2 	×		
3-4	×		
5-6		×	
7-8		×	
9-10	×		
11-12		×	LW39 - □ -4AB-33J/3

3-pole stepping switch (3 gears) without 0 position				
Position angle	0°	45°	90°	Order code
Panel content	1	2	3	
1-2	×			
3-4	×			
5-6		×		
7-8		×		
9-10			×	
11-12			×	
13-14	×			
15-16		×		
17-18			×	
				LW39 - □ -4AC-333J/5

3-pole stepping switch (4 gears) without 0 position					
Position angle	0°	45°	90°	135°	Order code
Panel content	1	2	3	4	
1-2	×				
3-4	×				
5-6		×			
7-8		×			
9-10			×		
11-12			×		
13-14				×	
15-16				×	
17-18	×				
19-20		×			
21-22			×		
23-24				×	
LW39 - □ -4AD-3333J/6					

3-pole stepping switch (5 gears) without 0 position						
Position angle	0°	45°	90°	135°	180°	Order code
Panel content	1	2	3	4	5	
1-2	×					
3-4	×					
5-6		×				
7-8		×				
9-10			×			
11-12			×			
13-14				×		
15-16				×		
17-18					×	
19-20					×	
21-22	×					
23-24		×				
25-26			×			
27-28				×		
29-30					×	LW39 - □ -4AE-33333J/8

3-pole stepping switch (6 gears) without 0 position							
Position angle	0°	45°	90°	135°	180°	225°	Order code
Panel content	1	2	3	4	5	6	
1-2	×						
3-4	×						
5-6		×					
7-8		×					
9-10			×				
11-12			×				
13-14				×			
15-16				×			
17-18					×		
19-20					×		
21-22						×	
23-24						×	
25-26	×						
27-28		×					
29-30			×				
31-32				×			
33-34					×		
35-36						×	
LW39 - □ -4AF-333333J/9							

Stepping switch and gear shifting switch (only applicable to LW39-25, LW39-16)

4-pole stepping switch (2 gears) with 0 position				
Position angle	0°	45°	90°	Order code
Panel content	0	1	2	
1-2		×		
3-4		×		
5-6			×	
7-8			×	
9-10		×		
11-12		×		
13-14			×	
15-16			×	
LW39 - □ -4AC-044J/4				

4-pole stepping switch (3 gears) with 0 position					
Position angle	0°	45°	90°	135°	Order code
Panel content	0	1	2	3	
1-2		×			
3-4		×			
5-6			×		
7-8			×		
9-10				×	
11-12				×	
13-14		×			
15-16		×			
17-18			×		
19-20			×		
21-22				×	
23-24				×	
					LW39 - □ -4AD-0444J/6

4-pole stepping switch (4 gears) with 0 position						
Position angle	0°	45°	90°	135°	180°	Order code
Panel content	0	1	2	3	4	
1-2		×				
3-4		×				
5-6			×			
7-8			×			
9-10				×		
11-12				×		
13-14					×	
15-16					×	
17-18		×				
19-20		×				
21-22			×			
23-24			×			
25-26				×		
27-28				×		
29-30					×	
31-32					×	LW39 - □ -4AE-04444J/8

4-pole stepping switch (5 gears) with 0 position							
Position angle	0°	45°	90°	135°	180°	225°	Order code
Panel content	0	1	2	3	4	5	
1-2		×					
3-4		×					
5-6			×				
7-8			×				
9-10				×			
11-12				×			
13-14					×		
15-16					×		
17-18						×	
19-20						×	
21-22		×					
23-24		×					
25-26			×				
27-28			×				
29-30				×			
31-32				×			
33-34					×		
35-36					×		
37-38						×	
39-40						×	LW39 - □ -4AF-044444J/10

⊙ **Stepping switch and gear shifting switch**
(only applicable to LW39-25, LW39-16)

4-pole stepping switch (2 gears) without 0 position			
Position angle	0°	45°	Order code
Panel content	1	2	
1-2	×		
3-4	×		
5-6		×	
7-8		×	
9-10	×		
11-12	×		
13-14		×	
15-16		×	LW39 - □ -4AB-44J/4

4-pole stepping switch (3 gears) without 0 position				
Position angle	0°	45°	90°	Order code
Panel content	1	2	3	
1-2	×			
3-4	×			
5-6		×		
7-8		×		
9-10			×	
11-12			×	
13-14	×			
15-16	×			
17-18		×		
19-20		×		
21-22			×	
23-24			×	LW39 - □ -4AC-444J/6

4-pole stepping switch (4 gears) without 0 position					
Position angle	0°	45°	90°	135°	Order code
Panel content	1	2	3	4	
1-2	×				
3-4	×				
5-6		×			
7-8		×			
9-10			×		
11-12			×		
13-14				×	
15-16				×	
17-18	×				
19-20	×				
21-22		×			
23-24		×			
25-26			×		
27-28			×		
29-30				×	
31-32				×	LW39 - □ -4AD-4444J/8

4-pole stepping switch (5 gears) without 0 position						
Position angle	0°	45°	90°	135°	180°	Order code
Panel content	1	2	3	4	5	
1-2	×					
3-4	×					
5-6		×				
7-8		×				
9-10			×			
11-12			×			
13-14				×		
15-16				×		
17-18					×	
19-20					×	
21-22	×					
23-24	×					
25-26		×				
27-28		×				
29-30			×			
31-32			×			
33-34				×		
35-36				×		
37-38					×	
39-40					×	LW39 - □ -4AE-44444J/10

Stepping switch and gear shifting switch (only applicable to LW39-25, LW39-16)

Gear shifting switch with 0 position												Order code
Position angle	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°	
Panel content	OFF	1	2	3	4	5	6	7	8	9	10	
1-2		×										
3-4			×	×	×							
5-6						×	×	×				
7-8									×	×	×	
9-10		×	×									
11-12				×	×	×						
13-14							×	×	×			
15-16										×	×	
17-18		×	×	×								
19-20					×	×	×					
21-22								×	×	×		
23-24											×	LW39 - □ -3AK-03×AJ/6

Gear shifting switch without 0 position											Order code
Position angle	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	
Panel content	1	2	3	4	5	6	7	8	9	10	
1-2	×										
3-4		×	×	×							
5-6					×	×	×				
7-8								×	×	×	
9-10	×	×									
11-12			×	×	×						
13-14						×	×	×			
15-16									×	×	
17-18	×	×	×								
19-20				×	×	×					
21-22							×	×	×		
23-24										×	LW39 - □ -3AJ-3×AJ/6

Junction code table

On/off switch (only applicable to LW39-25, LW39-16A)

Junction code	BC0022/1			BC1111/1			BC0133/2			BC2112/2		
2-16 codes	0/0/3/3			1/1/2/2			0/2/E/D			6/4/8/9		
Panel lettering	0	1	2	1	2	3	0	1	2	1	2	3
1-2			x	x	x	x			x			x
3-4			x	x		x	x	x		x		
5-6								x	x	x	x	
7-8								x	x		x	x

Junction code	BC2222/2			BC3311/2			BC0144/3			BC0244/3		
2-16 codes	C/C/3/3			E/E/1/1			00/40/71/B1			00/C0/F0/33		
Panel lettering	1	2	3	1	2	3	0	1	2	0	1	2
1-2			x	x		x		x	x		x	x
3-4			x	x	x	x		x	x		x	x
5-6	x	x			x	x	x	x			x	x
7-8	x	x			x	x			x		x	x
9-10								x	x			x
11-12												x

Junction code	BC0264/3			BC2013/3			BC3113/3			BC1243/3		
2-16 codes	00/03/F3/F0			60/00/01/51			A2/02/01/51			01/82/B2/70		
Panel lettering	0	1	2	1	2	3	1	2	3	1	2	3
1-2			x	x		x			x		x	x
3-4			x	x			x				x	x
5-6			x	x	x	x			x			x
7-8			x	x	x		x			x	x	
9-10		x	x			x		x	x	x		
11-12		x	x				x	x		x	x	

Junction code	BC1243A/3			BC2024/3			BC3223/3			BC2134/3		
2-16 codes	10/C0/C3/23			03/00/30/F0			83/03/30/70			81/40/70/B2		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2	x				x	x		x	x		x	x
3-4			x		x	x		x	x		x	x
5-6		x	x			x			x	x	x	
7-8		x	x			x	x			x		x
9-10			x	x	x		x	x		x		
11-12			x	x	x		x	x				x

Junction code	BC1353/3			BC1355/4			BC2246/4			BC3333/4		
2-16 codes	20/E0/D3/13			04/C4/F8/3B			48/48/87/B7			34/07/0B/68		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2			x	x		x			x	x		
3-4	x	x			x	x			x	x		x
5-6		x	x		x	x	x	x				x
7-8		x	x		x	x		x	x			
9-10			x	x		x		x	x		x	x
11-12			x	x		x		x	x		x	x
13-14					x	x		x	x	x	x	
15-16					x	x	x	x			x	x

◎ On/off switch (only applicable to LW39-25, LW39-16A)

Junction code	BC2244/4			BC2464/4			BC4026/4			BC2245/4		
2-16 codes	0C/C0/F0/33			0C/CC/F3/33			C3/00/0C/3F			81/30/3C/CE		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2			×			×			×		×	×
3-4			×			×			×		×	×
5-6		×	×		×	×	×					×
7-8		×	×		×	×	×			×		×
9-10						×	×		×	×		
11-12			×			×	×		×			×
13-14	×			×	×				×		×	×
15-16	×			×	×				×		×	×

Junction code	BC3244			BC4224/4			BC4422/4			BC4444/4		
2-16 codes	4C/42/B2/B1			2B/03/C0/D4			3C/CC/C0/03			59/55/A6/AA		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2			×			×	×			×	×	
3-4			×	×			×				×	×
5-6	×	×				×		×	×	×	×	
7-8			×			×		×	×		×	×
9-10			×	×	×				×	×	×	
11-12		×	×	×	×				×		×	×
13-14	×					×	×	×			×	×
15-16	×			×			×	×		×		×

Junction code	BC3344/5		
2-16 codes	910/450/461/621		
Panel lettering	1	2	3
1-2	×		
3-4			×
5-6		×	×
7-8	×		
9-10	×	×	
11-12		×	×
13-14		×	×
15-16			
17-18		×	×
19-20			

2-gear switch

Junction code	11/1		11A/1		01/1		20/1		02/1	
2-16 codes	1/2		2/1		0/1		3/0		0/3	
Panel lettering	1	2	1	2	0	1	1	2	0	1
1-2	x			x		x	x			x
3-4		x	x				x			x

Junction code	22/2		22A/2		22B/2		22C/2		22D/2	
2-16 codes	5/A		3/C		A/5		C/3		9/6	
Panel lettering	1	2	1	2	1	2	1	2	1	2
1-2	x		x			x		x	x	
3-4		x	x		x			x		x
5-6	x			x		x	x			x
7-8		x		x	x		x		x	

Junction code	22E/2		03/2		04/2		13/2		05/3	
2-16 codes	6/9		0/7		0/F		1/E		00/F1	
Panel lettering	1	2	0	1	0	1	1	2	0	1
1-2		x		x		x	x			x
3-4	x			x		x		x		x
5-6	x			x		x		x		x
7-8		x				x		x		x
9-10										x
11-12										

Junction code	06/3		33/3		33A/3		33B/3		60/3	
2-16 codes	00/F3		51/A2		A2/51		70/83		F3/00	
Panel lettering	0	1	1	2	1	2	1	2	1	2
1-2		x	x			x	x		x	
3-4		x		x	x		x		x	
5-6		x	x			x	x		x	
7-8		x		x	x			x	x	
9-10		x	x			x		x	x	
11-12		x		x	x			x	x	

Junction code	24/3		15/3		36/3		42/3		08/4	
2-16 codes	A0/53		10/E3		51/F3		53/A0		00/FF	
Panel lettering	1	2	1	2	1	2	1	2	0	1
1-2		x	x		x	x	x			x
3-4	x			x		x		x		x
5-6		x		x	x	x	x			x
7-8	x			x		x		x		x
9-10		x		x	x	x	x			x
11-12		x		x		x	x			x
13-14										x
15-16										x

2-gear switch

Junction code	44/4		44A/4		44B/4		44C/4		80/4	
2-16 codes	55/AA		AA/55		F0/0F		6A/95		FF/00	
Panel lettering	1	2	1	2	1	2	1	2	1	2
1-2	×			×	×			×	×	
3-4		×	×		×		×		×	
5-6	×			×	×		×		×	
7-8		×	×		×			×	×	
9-10	×			×		×		×	×	
11-12		×	×			×	×		×	
13-14	×			×		×		×	×	
15-16		×	×			×	×		×	

Junction code	53/4		53A/4		28/5		0A/5		19/5	
2-16 codes	5D/A2		97/68		500/AF3		000/FF3		100/EF3	
Panel lettering	1	2	1	2	1	2	0	1	1	2
1-2	×		×		×			×	×	
3-4		×		×		×		×		×
5-6	×			×	×			×		×
7-8		×	×			×		×		×
9-10	×		×			×		×		×
11-12		×	×			×		×		×
13-14	×		×			×		×		×
15-16	×			×		×		×		×
17-18						×		×		×
19-20						×		×		×

Junction code	46/5		55/5		73/5	
2-16 codes	550/AA3		551/AA2		5F1/A02	
Panel lettering	1	2	1	2	1	2
1-2	×		×		×	
3-4		×		×		×
5-6	×		×		×	
7-8		×		×		×
9-10	×		×		×	
11-12		×		×	×	
13-14	×		×		×	
15-16		×		×	×	
17-18		×	×		×	
19-20		×		×		×

2-gear switch

Junction code	66/6		66A/6		A2/6	
2-16 codes	555/AAA		999/666		FF3/00C	
Panel lettering	1	2	1	2	1	2
1-2	x		x		x	
3-4		x		x	x	
5-6	x			x	x	
7-8		x	x		x	
9-10	x		x		x	
11-12		x		x	x	
13-14	x			x	x	
15-16		x	x		x	
17-18	x		x		x	
19-20		x		x	x	
21-22	x			x		x
23-24		x	x			x

Junction code	77/7		88/8		D3/8	
2-16 codes	5551/AAA2		5555/AAAA		FF75/008A	
Panel lettering	1	2	1	2	1	2
1-2	x		x		x	
3-4		x		x	x	
5-6	x		x		x	
7-8		x		x	x	
9-10	x		x		x	
11-12		x		x	x	
13-14	x		x		x	
15-16		x		x	x	
17-18	x		x		x	
19-20		x		x	x	
21-22	x		x		x	
23-24		x		x		x
25-26	x		x		x	
27-28		x		x		x
29-30			x		x	
31-32				x		x

3-gear switch

Junction code	101/1			101A/1			012/1			012A/1		
2-16 codes	1/0/2			2/0/1			0/2/3			0/1/3		
Panel lettering	1	0	2	1	0	2	0	1	2	0	1	2
1-2	×					×			×		×	×
3-4			×	×				×	×			×

Junction code	121/1			121A/1			021/1			201/1		
2-16 codes	2/3/1			1/3/2			0/3/1			3/0/2		
Panel lettering	1	2	3	1	2	3	0	1	2	1	0	2
1-2		×	×	×	×			×	×	×		
3-4	×	×			×	×		×		×		×

Junction code	202/2			202A/2			202B/2			202C/2		
2-16 codes	5/0/A			6/0/9			3/0/C			A/0/5		
Panel lettering	1	0	2	1	0	2	1	0	2	1	0	2
1-2	×					×	×					×
3-4			×	×			×			×		
5-6	×			×					×			×
7-8			×			×			×	×		

Junction code	202D/2			202E/2			202F/2			024/2		
2-16 codes	9/0/6			C/0/3			6/0/5			0/C/F		
Panel lettering	1	0	2	1	0	2	1	0	2	0	1	2
1-2	×					×			×			×
3-4			×			×	×					×
5-6			×	×			×		×		×	×
7-8	×			×							×	×

Junction code	311/2			103/2			111/2			111A/2		
2-16 codes	7/4/8			1/0/E			1/2/4			4/2/1		
Panel lettering	1	2	3	1	0	2	1	2	3	1	2	3
1-2	×			×			×					×
3-4	×					×		×			×	
5-6	×	×				×			×	×		
7-8			×			×						

Junction code	111B/2			222/2			222A/2			222B/2		
2-16 codes	1/4/2			3/9/C			6/A/5			C/3/C		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2	×			×	×				×		×	
3-4			×	×			×	×			×	
5-6		×				×	×		×	×		×
7-8					×	×		×		×		×

Junction code	121/2			121A/2			014/2			122/2		
2-16 codes	1/C/2			2/C/1			0/1/F			8/3/5		
Panel lettering	1	2	3	1	2	3	0	1	2	1	2	3
1-2	×					×		×	×		×	×
3-4			×	×					×		×	
5-6		×			×				×			×
7-8		×			×				×	×		

3-gear switch

Junction code	303/2			141/2			023/2			112/2		
2-16 codes	B/0/D			1/F/8			0/3/D			4/1/A		
Panel lettering	1	0	2	1	2	3	0	1	2	1	2	3
1-2	x		x	x	x			x	x		x	
3-4	x				x			x				x
5-6			x		x				x	x		
7-8	x		x		x	x			x			x

Junction code	033/2			034/2			212/2			212A/2		
2-16 codes	0/B/7			0/7/F			C/2/3			A/1/C		
Panel lettering	0	1	2	0	1	2	1	2	3	1	2	3
1-2		x	x		x	x			x		x	
3-4		x	x		x	x		x	x	x		
5-6			x		x	x	x					x
7-8		x				x	x			x		x

Junction code	242/2			213/2			213A/2			231/2		
2-16 codes	5/F/A			3/8/7			6/8/7			9/D/2		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2	x	x		x		x			x	x	x	
3-4		x	x	x		x	x		x			x
5-6	x	x				x	x		x		x	
7-8		x	x		x			x		x	x	

Junction code	310/2			204/2			221/2			221A/2		
2-16 codes	7/8/0			5/0/F			9/6/2			6/9/2		
Panel lettering	1	2	3	1	0	2	1	2	3	1	2	3
1-2	x			x		x	x				x	
3-4	x					x		x	x	x		x
5-6	x			x		x		x		x		
7-8		x				x	x				x	

Junction code	232/2			232A/2			313/2			222/3		
2-16 codes	6/B/5			6/E/9			D/2/7			03/C0/30		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2		x	x			x	x		x			x
3-4	x	x		x	x			x	x			x
5-6	x		x	x	x		x		x		x	
7-8		x			x	x	x				x	
9-10										x		
11-12										x		

Junction code	222A/3			222B/3			303/3			303A/3		
2-16 codes	42/21/90			41/30/82			51/00/A2			A2/00/51		
Panel lettering	1	2	3	1	2	3	1	0	2	1	0	2
1-2			x		x		x					x
3-4		x			x				x	x		
5-6	x			x			x					x
7-8			x			x			x	x		
9-10		x		x			x					x
11-12	x					x			x	x		

3-gear switch

Junction code	404/3			404A/3			424/3			232/3		
2-16 codes	53/00/A3			72/00/93			F0/03/F0			A0/13/60		
Panel lettering	1	0	2	1	0	2	1	2	3	1	2	3
1-2	×			×		×	×		×		×	
3-4			×	×			×		×	×		×
5-6	×			×			×		×			×
7-8			×			×	×		×	×		
9-10	×		×			×		×			×	
11-12	×		×	×		×		×			×	

Junction code	232A/3			204/3			204A/3			204B/3		
2-16 codes	12/C1/22			11/00/E2			30/00/C3			03/00/F0		
Panel lettering	1	2	3	1	0	2	1	0	2	1	0	2
1-2	×			×			×					×
3-4			×			×	×					×
5-6		×				×			×			×
7-8		×				×			×			×
9-10		×		×					×	×		
11-12	×		×			×			×	×		

Junction code	242/3			242A/3			242B/3			342/3		
2-16 codes	90/53/60			50/33/A0			03/F0/03			43/93/A0		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2	×	×		×	×			×			×	
3-4			×		×	×		×				×
5-6		×	×	×				×		×		
7-8	×					×		×			×	×
9-10		×			×		×		×	×	×	
11-12		×			×		×		×	×	×	

Junction code	033/3			036/3			115/3			144/3		
2-16 codes	00/51/A2			00/70/F3			02/10/F1			01/B2/72		
Panel lettering	0	1	2	0	1	2	1	2	3	1	2	3
1-2		×			×	×		×	×		×	×
3-4			×		×	×			×		×	×
5-6		×			×	×			×			×
7-8			×			×			×		×	
9-10		×				×			×	×		
11-12			×			×	×				×	×

Junction code	144A/3			223/3			044/3			133/3		
2-16 codes	10/E2/A3			50/A0/A1			00/F0/A3			10/61/91		
Panel lettering	1	2	3	1	2	3	0	1	2	1	2	3
1-2	×			×				×		×		×
3-4		×	×		×	×		×	×		×	
5-6		×		×				×			×	
7-8		×	×		×	×		×	×			×
9-10			×			×			×		×	×
11-12		×	×						×			

3-gear switch

Junction code	133A/3			224/3			046/3			213/3		
2-16 codes	80/43/70			42/11/E1			00/F0/F3			50/02/A1		
Panel lettering	1	2	3	1	2	3	0	1	2	1	2	3
1-2			×		×			×	×	×		
3-4			×			×		×	×			×
5-6		×	×	×		×		×	×	×		
7-8	×					×		×	×			×
9-10		×			×	×			×			×
11-12		×		×					×		×	

Junction code	114/3			244/3			304/3			333/3		
2-16 codes	01/02/F0			42/93/E1			43/00/53			62/92/61		
Panel lettering	1	2	3	1	2	3	1	0	2	1	2	3
1-2			×		×				×		×	
3-4			×			×				×		×
5-6			×	×		×	×		×	×		×
7-8			×		×	×					×	
9-10	×				×	×	×		×			×
11-12		×		×	×		×		×	×	×	

Junction code	333A/3			333B/3			363/3			252/3		
2-16 codes	51/A1/62			61/13/C2			51/F3/A2			A0/F1/50		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2	×				×		×	×			×	×
3-4		×	×	×				×	×	×	×	
5-6	×		×	×		×	×	×			×	×
7-8		×				×		×	×	×	×	
9-10	×	×		×	×		×	×			×	
11-12			×		×	×		×	×			

Junction code	313/3			264/3			323/3			323A/3		
2-16 codes	61/10/A2			41/F3/B2			A2/30/51			D0/03/A2		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2		×			×	×		×	×	×		
3-4	×		×		×	×	×	×				×
5-6	×			×	×				×	×		
7-8			×		×	×	×			×		×
9-10	×			×	×				×		×	
11-12			×		×	×	×				×	×

Junction code	323B/3			412/3			413/3			603/3		
2-16 codes	43/30/83			F0/01/A0			D2/01/A2			F3/00/83		
Panel lettering	1	2	3	1	2	3	1	2	3	1	0	2
1-2		×		×			×			×		
3-4		×		×		×			×	×		
5-6	×			×			×			×		
7-8			×	×		×	×		×	×		×
9-10	×		×		×			×		×		×
11-12	×		×				×		×	×		×

3-gear switch

Junction code	606/3			402/3			515/3			034/4		
2-16 codes	F3/00/F3			53/00/A0			F1/02/F1			00/86/71		
Panel lettering	1	0	2	1	0	2	1	2	3	0	1	2
1-2	×		×	×			×		×			×
3-4	×		×			×	×		×			×
5-6	×		×	×			×		×			×
7-8	×		×			×	×		×		×	
9-10	×		×	×			×		×			×
11-12	×		×	×				×			×	
13-14								×			×	
15-16												

Junction code	034A/4			333/4			333A/4			333B/4		
2-16 codes	00/70/87			A2/1C/61			70/86/89			25/92/49		
Panel lettering	0	1	2	1	2	3	1	2	3	1	2	3
1-2		×			×		×				×	
3-4		×		×		×	×			×		
5-6		×				×	×					×
7-8			×	×				×	×		×	
9-10			×			×			×	×		×
11-12			×	×				×			×	
13-14			×		×			×		×		
15-16					×				×			×

Junction code	405/4			405A/4			323/4			323A/4		
2-16 codes	A6/00/5B			F0/00/1F			45/30/8A			C1/30/0E		
Panel lettering	1	0	2	1	0	2	1	2	3	1	2	3
1-2			×	×		×		×			×	
3-4	×			×				×			×	
5-6			×	×			×			×		
7-8	×			×					×	×		
9-10			×			×	×			×		
11-12	×		×			×			×			×
13-14	×					×	×					×
15-16			×			×			×			×

Junction code	323B/4			335/4			434/4			404/4		
2-16 codes	54/03/A8			19/13/E6			55/4A/AA			55/00/AA		
Panel lettering	1	2	3	1	2	3	1	2	3	1	0	2
1-2	×			×	×		×			×		
3-4			×			×			×			×
5-6	×					×	×	×		×		
7-8			×			×			×			×
9-10		×		×	×		×			×		
11-12		×			×	×		×	×			×
13-14	×					×	×			×		
15-16			×	×				×	×			×

3-gear switch

Junction code	404A/4			443/4			443A/4			444/4		
2-16 codes	AA/00/55			8B/74/83			F0/1D/0E			0F/F0/0F		
Panel lettering	1	0	2	1	2	3	1	2	3	1	2	3
1-2			×		×		×	×			×	
3-4	×				×		×				×	
5-6			×		×		×				×	
7-8	×			×		×	×				×	
9-10			×	×		×		×		×		×
11-12	×			×		×			×	×		×
13-14			×		×			×	×	×		×
15-16	×			×				×	×	×		×

Junction code	444A/4			444B/4			808/4			053/4		
2-16 codes	AA/CC/55			55/99/AA			FF/00/FF			00/F1/0E		
Panel lettering	1	2	3	1	2	3	1	0	2	0	1	2
1-2			×	×	×		×		×		×	
3-4	×					×	×		×		×	
5-6		×	×	×			×		×		×	
7-8	×	×			×	×	×		×		×	
9-10			×	×	×		×		×		×	
11-12	×					×	×		×			×
13-14		×	×	×			×		×			×
15-16	×	×			×	×	×		×			×

Junction code	045/4			055/4			048/4			133/4		
2-16 codes	00/2B/DC			00/73/B5			00/F0/FF			10/E0/07		
Panel lettering	0	1	2	0	1	2	0	1	2	1	2	3
1-2			×		×	×		×	×	×		
3-4		×			×	×		×	×		×	
5-6			×		×			×	×		×	
7-8			×			×		×	×		×	
9-10		×			×	×			×			×
11-12		×			×				×			×
13-14			×			×			×			×
15-16		×	×						×			

Junction code	208/4			254/4			306/4			305/4		
2-16 codes	0C/00/FF			21/B3/56			32/00/F5			70/00/8F		
Panel lettering	1	0	2	1	2	3	1	0	2	1	0	2
1-2			×		×	×	×		×	×		
3-4			×	×	×		×		×	×		
5-6			×			×			×	×		
7-8			×		×				×			×
9-10			×	×	×				×			×
11-12			×		×	×	×					×
13-14	×		×			×			×			×
15-16	×		×									×

3-gear switch

Junction code	305A/4			214/4			262/4			242/4		
2-16 codes	51/00/AE			06/80/71			30/CF/30			03/F0/0C		
Panel lettering	1	0	2	1	2	3	1	2	3	1	2	3
1-2	×					×	×		×		×	
3-4			×			×	×		×		×	
5-6	×					×		×			×	
7-8			×		×			×			×	
9-10	×					×		×		×		
11-12			×	×				×		×		
13-14			×	×				×				×
15-16			×					×				×

Junction code	282/4			325/4			343/4			414/4		
2-16 codes	30/FF/0C			19/11/E6			0D/F0/0E			55/20/AA		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2	×	×		×	×			×		×		
3-4	×	×				×		×			×	×
5-6		×				×		×		×		
7-8		×				×		×				×
9-10		×		×	×		×			×		
11-12		×				×			×			×
13-14		×	×			×	×		×	×		
15-16		×	×	×			×		×			×

Junction code	414A/4			414B/4			422/4			424/4		
2-16 codes	65/10/AA			87/20/D2			F0/03/0C			55/24/CC		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2		×				×	×			×		
3-4	×		×		×		×				×	×
5-6	×					×	×			×		
7-8			×	×		×	×					×
9-10	×			×				×		×		
11-12			×	×		×		×				×
13-14	×			×					×	×	×	
15-16			×						×			×

Junction code	424A/4			424B/4			424C/4			464/4		
2-16 codes	2B/14/C5			F0/03/3C			C5/30/CA			39/F3/C6		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2		×		×		×		×		×	×	
3-4	×			×		×		×		×	×	
5-6			×	×			×		×		×	×
7-8			×	×			×		×		×	×
9-10	×		×		×		×			×	×	
11-12	×				×				×		×	×
13-14		×	×			×	×					×
15-16	×					×			×	×		

3-gear switch

Junction code	464A/4			506/4			544/4			484/4		
2-16 codes	55/CF/AA			3B/00/FC			F2/F0/0F			55/FF/AA		
Panel lettering	1	2	3	1	0	2	1	2	3	1	2	3
1-2	x			x		x	x	x		x	x	
3-4			x	x		x	x	x			x	x
5-6	x	x				x	x	x		x	x	
7-8		x	x			x	x	x			x	x
9-10	x	x		x					x	x	x	
11-12		x	x	x			x		x		x	x
13-14	x	x				x			x	x	x	
15-16		x	x	x		x			x		x	x

Junction code	525/4			602/4			505/4			541/4		
2-16 codes	9B/60/97			3F/00/60			8F/00/7C			EA/35/10		
Panel lettering	1	2	3	1	0	2	1	0	2	1	2	3
1-2	x		x	x					x		x	x
3-4		x		x		x			x	x	x	
5-6		x				x			x	x		
7-8	x		x				x			x		
9-10	x		x	x			x				x	
11-12	x		x	x			x			x		
13-14			x	x			x		x		x	
15-16	x			x			x		x	x		

Junction code	701/4			707/4			803/4			808/4		
2-16 codes	EF/00/10			F7/00/FB			FF/00/07			FF/00/FF		
Panel lettering	1	0	2	1	0	2	1	0	2	1	0	2
1-2			x	x		x	x			x		x
3-4	x			x		x	x			x		x
5-6	x			x		x	x			x		x
7-8	x			x		x	x			x		x
9-10	x			x		x	x		x	x		x
11-12	x			x		x	x		x	x		x
13-14	x			x			x		x	x		x
15-16	x					x	x			x		x

Junction code	119/5			424/5			046/5			218/5		
2-16 codes	002/001/FF2			F00/030/0C3			000/4A1/B52			003/001/FF0		
Panel lettering	1	2	3	1	2	3	0	1	2	1	2	3
1-2			x	x					x			x
3-4			x	x					x			x
5-6			x	x				x				x
7-8			x	x					x			x
9-10			x		x				x			x
11-12			x		x			x				x
13-14			x			x			x			x
15-16			x			x		x				x
17-18		x				x		x		x	x	
19-20	x		x			x			x	x		

3-gear switch

Junction code	066/5			254/5			307/5			363/5		
2-16 codes	000/751/BA2			202/D11/2E0			510/000/AE3			A20/553/083		
Panel lettering	0	1	2	1	2	3	1	0	2	1	2	3
1-2		×	×		×		×				×	
3-4		×	×	×		×			×	×		
5-6		×			×		×				×	
7-8			×		×				×	×		
9-10		×			×		×				×	
11-12			×			×			×	×		
13-14		×				×			×		×	
15-16			×			×			×			×
17-18		×			×				×		×	×
19-20			×	×					×		×	×

Junction code	525/5			525A/5			445/5			544/5		
2-16 codes	8D1/022/741			552/003/AA1			170/981/683			E42/170/981		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2			×	×			×	×			×	×
3-4			×			×			×	×		
5-6			×	×					×	×		
7-8	×					×		×		×		×
9-10	×			×			×				×	
11-12		×				×	×				×	
13-14	×		×	×			×			×	×	
15-16	×					×		×	×			×
17-18	×		×		×	×		×	×			×
19-20		×		×	×				×	×		

Junction code	036/5			507/5			505/5			505A/5		
2-16 codes	000/091/F60			133/000/EC3			551/000/AA2			A61/000/5B0		
Panel lettering	0	1	2	1	0	2	1	0	2	1	0	2
1-2			×	×			×					×
3-4			×			×			×	×		
5-6			×			×	×					×
7-8			×			×			×	×		
9-10		×		×			×					×
11-12			×	×					×	×		×
13-14			×			×	×			×		
15-16		×				×			×			×
17-18		×		×		×	×			×		
19-20				×		×			×			

Junction code	505B/5			715/5			443/5			317/5		
2-16 codes	AA2/000/551			BF0/080/C43			423/292/940			282/001/D72		
Panel lettering	1	0	2	1	2	3	1	2	3	1	2	3
1-2			×	×					×			×
3-4	×			×				×		×		
5-6			×			×	×					×
7-8	×			×		×			×			×
9-10			×	×				×				×
11-12	×			×			×					×
13-14			×	×		×			×			×
15-16	×			×	×			×		×		
17-18			×			×	×				×	
19-20	×					×	×	×		×		×

3-gear switch

Junction code	433/5			444/5			333/5			333A/5		
2-16 codes	0C3/510/A20			341/C11/4A2			421/290/940			150/C01/2A0		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2		X		X					X	X		
3-4			X	X				X				X
5-6		X			X	X	X				X	
7-8			X		X				X		X	
9-10		X			X			X		X		
11-12			X			X	X					X
13-14	X			X					X	X		
15-16	X					X		X				X
17-18	X			X	X		X				X	
19-20	X					X						

Junction code	436/5			464/5			518/5			545/5		
2-16 codes	1C1/C40/3B2			F00/0F3/F00			643/080/B73			C92/2E0/551		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2	X		X	X		X			X			X
3-4			X	X		X	X				X	
5-6		X		X		X	X		X	X		X
7-8		X		X		X			X	X		X
9-10			X		X				X	X		X
11-12			X		X				X		X	
13-14	X	X			X		X		X		X	X
15-16	X		X		X			X		X	X	
17-18	X				X		X		X			X
19-20			X		X		X		X	X		

Junction code	646/5			646A/5			828/5			595/5		
2-16 codes	F30/0C3/F30			F81/690/671			FF0/002/FF0			BA0/EF3/551		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2	X		X	X			X		X	X		X
3-4	X		X	X	X	X	X		X	X	X	
5-6	X		X	X	X	X	X		X		X	X
7-8	X		X	X			X		X	X	X	
9-10	X		X		X	X	X		X		X	X
11-12	X		X			X	X		X	X	X	
13-14		X				X	X		X		X	X
15-16		X		X	X		X		X	X	X	
17-18		X		X		X		X			X	X
19-20		X						X			X	

Junction code	544/5			606/5			901/5			715/5		
2-16 codes	E42/170/981			333/000/CC3			EF3/000/100			BF0/080/C43		
Panel lettering	1	2	3	1	0	2	1	0	2	1	2	3
1-2		X	X	X					X	X		
3-4	X			X			X			X		
5-6	X					X	X					X
7-8	X		X			X	X			X		X
9-10		X		X			X			X		
11-12		X		X			X			X		
13-14	X	X				X	X			X		X
15-16			X			X	X			X	X	
17-18			X	X		X	X					X
19-20	X			X		X	X					X

3-gear switch

Junction code	5A5/5			228/6			444/6			444A/6		
2-16 codes	551/FF3/AA2			00C/003/FF0			702/838/0C5			3C0/C03/03C		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2	×	×				×	×			×		
3-4		×	×			×	×			×		
5-6	×	×				×	×				×	
7-8		×	×			×		×			×	
9-10	×	×				×		×				×
11-12		×	×			×		×				×
13-14	×	×				×			×	×		
15-16		×	×			×			×	×		
17-18	×	×			×				×		×	
19-20		×	×		×		×				×	
21-22				×					×			×
23-24				×				×				×

Junction code	444B/6			807/6			666/6			666A/6		
2-16 codes	415/3C0/82A			0FF/000/F70			F0C/CF0/333			59A/AAA/555		
Panel lettering	1	2	3	1	0	2	1	2	3	1	2	3
1-2		×				×	×		×	×		×
3-4		×				×	×		×		×	
5-6	×					×	×	×		×		×
7-8			×			×	×	×			×	
9-10	×			×		×		×	×	×		×
11-12			×	×		×		×	×		×	
13-14		×		×		×		×				×
15-16		×		×				×		×	×	
17-18	×			×					×			×
19-20			×	×					×	×	×	
21-22	×			×			×					×
23-24			×	×			×			×	×	

Junction code	666B/6			666C/6			814/6			083/6		
2-16 codes	55A/555/AA5			0CF/F30/0CF			2EF/100/E10			000/F17/0E0		
Panel lettering	1	2	3	1	2	3	1	2	3	0	1	2
1-2	×	×			×			×			×	
3-4			×		×		×		×		×	
5-6	×	×			×				×		×	
7-8			×		×				×		×	
9-10	×	×			×				×		×	
11-12			×		×		×					×
13-14	×	×		×		×	×					×
15-16			×	×		×	×					×
17-18		×	×	×		×	×				×	
19-20	×			×		×	×				×	
21-22		×	×	×		×	×				×	
23-24	×			×		×	×					

3-gear switch

Junction code	08C/6			336/6			364/6			448/6		
2-16 codes	000/FF0/FFF			700/830/OCF			209/D94/262			550/00F/AAF		
Panel lettering	0	1	2	1	2	3	1	2	3	1	2	3
1-2		x	x	x				x		x		
3-4		x	x	x			x		x			x
5-6		x	x	x				x		x		
7-8		x	x		x			x				x
9-10		x	x		x			x		x		
11-12		x	x		x				x			x
13-14		x	x			x			x	x		
15-16		x	x			x		x				x
17-18			x			x	x				x	x
19-20			x			x			x		x	x
21-22			x			x		x			x	x
23-24			x			x	x				x	x

Junction code	363/6			507/6			527/6			536/6		
2-16 codes	888/555/222			F10/000/0EF			F10/060/0EF			F10/0E0/0CF		
Panel lettering	1	2	3	1	0	2	1	2	3	1	2	3
1-2		x		x			x			x		
3-4			x	x			x			x		
5-6		x		x			x			x		
7-8	x			x			x			x		
9-10		x		x			x			x		
11-12			x			x		x	x		x	
13-14		x				x		x	x		x	x
15-16	x					x			x		x	x
17-18		x				x			x			x
19-20			x			x			x			x
21-22		x				x			x			x
23-24	x					x			x			x

Junction code	556/6			556A/6			556B/6			606/6		
2-16 codes	255/9A2/659			A29/1CC/617			70C/683/B70			555/000/AAA		
Panel lettering	1	2	3	1	2	3	1	2	3	1	0	2
1-2		x			x		x		x	x		
3-4	x		x	x		x	x	x	x			x
5-6			x			x	x	x		x		
7-8		x		x					x			x
9-10	x		x			x			x	x		
11-12		x		x					x			x
13-14	x		x		x				x	x		
15-16		x			x			x				x
17-18	x		x	x		x		x		x		
19-20		x				x		x				x
21-22	x				x	x	x			x		
23-24			x	x	x		x					x

3-gear switch

Junction code	606A/6			555/6			565/6			534/6		
2-16 codes	AAA/000/555			255/9A2/459			AC1/13E/6C1			F10/0E0/00F		
Panel lettering	1	0	2	1	2	3	1	2	3	1	2	3
1-2			×		×			×		×		
3-4	×			×			×		×	×		
5-6			×			×			×	×		
7-8	×				×		×			×		
9-10			×	×		×		×		×		
11-12	×				×			×			×	
13-14			×	×		×	×		×		×	
15-16	×				×		×		×		×	
17-18			×	×		×	×		×			×
19-20	×				×			×				×
21-22			×	×				×				×
23-24	×					×		×				×

Junction code	564/6			566/6			574/6			636/6		
2-16 codes	1AC/8BA/641			81E/764/783			A0E/0EF/511			45E/181/A2E		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2	×				×	×			×		×	
3-4			×		×	×	×					×
5-6			×		×	×			×	×		
7-8		×		×			×					×
9-10		×		×					×	×		
11-12	×	×			×			×				×
13-14			×		×			×		×		
15-16	×	×				×		×			×	
17-18			×			×		×	×		×	
19-20		×		×		×	×	×		×		×
21-22	×			×	×		×	×		×		×
23-24	×	×		×			×	×		×		×

Junction code	605/6			609/6			662/6			805/6		
2-16 codes	F12/000/0E5			DA1/000/E5F			553/AA3/00C			FAA/000/05D		
Panel lettering	1	0	2	1	0	2	1	2	3	1	0	2
1-2	×			×			×			×		
3-4	×					×		×		×		
5-6	×			×		×	×			×		
7-8	×			×		×		×		×		
9-10	×					×	×					×
11-12			×	×				×		×		
13-14			×			×	×					×
15-16			×	×				×		×		
17-18			×	×		×	×	×				×
19-20	×					×	×	×		×		
21-22			×			×			×			×
23-24						×			×	×		×

3-gear switch

Junction code	828/6			B01/6			754/6			A83/6		
2-16 codes	3CF/030/CCF			FF7/000/008			DD2/1D4/229			F7B/757/08C		
Panel lettering	1	2	3	1	0	2	1	2	3	1	2	3
1-2	x			x			x	x		x	x	
3-4	x			x					x	x	x	
5-6			x	x			x			x	x	
7-8			x	x			x			x		
9-10		x		x			x	x		x	x	
11-12		x		x					x	x		
13-14	x		x	x			x	x		x	x	
15-16	x		x	x			x	x				x
17-18	x		x	x					x	x	x	
19-20	x		x	x			x			x	x	
21-22	x		x	x				x			x	x
23-24	x		x			x			x	x		x

Junction code	C01/6			939/6			1B1/6		
2-16 codes	FFF/000/100			FF1/00E/FF1			008/FF7/008		
Panel lettering	1	0	2	1	2	3	1	2	3
1-2	x		x	x		x		x	
3-4	x			x		x		x	
5-6	x			x		x		x	
7-8	x			x		x		x	
9-10	x			x		x		x	
11-12	x			x		x		x	
13-14	x			x		x		x	
15-16	x			x		x		x	
17-18	x			x		x		x	
19-20	x				x			x	
21-22	x				x			x	
23-24	x				x		x		x

Junction code	475/7			475A/7			645/7			696/7		
2-16 codes	8150/7E20/0193			0642/7921/8990			F300/0E10/00E3			F0C0/CF83/3330		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2		x			x		x			x		x
3-4		x			x		x			x		x
5-6		x			x		x			x	x	
7-8	x					x	x			x	x	
9-10	x		x		x	x	x				x	x
11-12		x		x			x	x			x	x
13-14		x		x				x			x	
15-16		x			x	x		x			x	
17-18	x		x			x		x				x
19-20		x			x				x			x
21-22	x			x					x	x		
23-24			x			x			x	x	x	
25-26			x		x				x		x	
27-28			x	x					x		x	

3-gear switch

Junction code	67A/7			707/7			707A/7			777/7		
2-16 codes	5550/AA83/55F3			5551/0000/AAA2			AAA2/0000/5551			5551/AAA2/5551		
Panel lettering	1	2	3	1	0	2	1	0	2	1	2	3
1-2	×		×	×					×	×		×
3-4		×				×	×				×	
5-6	×		×	×					×	×		×
7-8		×				×	×				×	
9-10	×		×	×					×	×		×
11-12		×				×	×				×	
13-14	×		×	×					×	×		×
15-16		×				×	×				×	
17-18	×		×	×					×	×		×
19-20			×			×	×				×	
21-22	×		×	×					×	×		×
23-24		×	×			×	×				×	
25-26		×	×	×					×	×		×
27-28		×	×			×	×				×	

Junction code	777A/7			955/7			809/7			666/7		
2-16 codes	5592/5551/AA61			97D2/1350/6821			3CC3/0000/D770			5550/0AA3/AAA0		
Panel lettering	1	2	3	1	2	3	1	0	2	1	2	3
1-2	×	×		×	×		×		×	×		
3-4			×			×	×					×
5-6	×	×				×			×	×		
7-8			×	×					×			×
9-10	×	×		×	×				×	×		
11-12			×	×	×				×		×	×
13-14	×	×		×			×		×	×		
15-16			×			×	×				×	×
17-18	×	×		×	×				×	×		
19-20			×			×			×		×	×
21-22		×	×	×	×				×	×		
23-24	×			×			×				×	×
25-26		×	×			×	×				×	
27-28	×			×			×				×	

Junction code	68A/7			D01/7		
2-16 codes	5550/AAA3/55F3			EFF3/0000/1000		
Panel lettering	1	2	3	1	0	2
1-2	×		×			×
3-4		×		×		
5-6	×		×	×		
7-8		×		×		
9-10	×		×	×		
11-12		×		×		
13-14	×		×	×		
15-16		×		×		
17-18	×		×	×		
19-20		×	×	×		
21-22	×		×	×		
23-24		×	×	×		
25-26		×	×	×		
27-28		×	×	×		

3-gear switch

Junction code	808/8			555/8			32D/8			655/8		
2-16 codes	5555/0000/AAAA			F100/0E30/00C7			00C1/0028/FF3E			512A/0455/AA80		
Panel lettering	1	0	2	1	2	3	1	2	3	1	2	3
1-2	x			x					x	x		
3-4			x	x					x			x
5-6	x			x					x	x		
7-8			x	x					x			x
9-10	x			x					x	x		
11-12			x		x				x			x
13-14	x				x				x		x	
15-16			x		x				x			x
17-18	x				x				x		x	
19-20			x		x			x	x	x		
21-22	x					x	x				x	
23-24			x			x	x					x
25-26	x					x	x				x	
27-28			x			x			x	x		
29-30	x					x			x		x	
31-32			x					x	x	x		

Junction code	664/8			738/8			787/8			837/8		
2-16 codes	F300/0CF0/000F			F700/0830/08DF			7033/0FF0/D0CC			81CF/7000/8F30		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2	x			x			x		x		x	
3-4	x			x			x		x		x	
5-6	x			x			x				x	
7-8	x			x					x	x		x
9-10	x			x				x		x		x
11-12	x			x				x				x
13-14		x		x				x				x
15-16		x			x	x		x				x
17-18		x			x	x	x	x				x
19-20		x			x		x	x				x
21-22		x				x		x	x	x		
23-24		x				x		x	x	x		
25-26			x			x	x			x		
27-28			x			x	x			x		
29-30			x			x			x	x		
31-32			x			x			x	x		

3-gear switch

Junction code	718/8			768/8			847/8			867/8		
2-16 codes	08F3/0008/F704			F700/0F30/08DF			FF00/00F0/007F			838F/F300/6C70		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2			×	×			×				×	
3-4			×	×			×				×	×
5-6			×	×			×				×	×
7-8			×	×			×			×	×	
9-10			×	×	×		×			×	×	
11-12			×	×	×		×			×	×	
13-14			×	×	×		×					×
15-16	×				×	×	×					×
17-18	×				×	×		×	×			×
19-20	×				×			×	×			×
21-22	×					×		×	×			×
23-24	×					×		×		×		
25-26	×					×			×	×		
27-28	×					×			×	×		
29-30			×			×			×	×		
31-32		×				×			×	×		

Junction code	8G8/8			D3D/8			868/8			917/8		
2-16 codes	3333/FFF/CCCC			F75F/08A0/F75F			838F/F300/7C70			29AF/0001/D650		
Panel lettering	1	2	3	1	2	3	1	2	3	1	2	3
1-2	×	×		×		×		×	×			×
3-4	×	×		×		×		×	×	×		
5-6		×	×	×		×		×	×			×
7-8		×	×	×		×	×	×				×
9-10	×	×		×		×	×	×		×		
11-12	×	×		×		×	×	×				×
13-14		×	×	×		×			×			×
15-16		×	×		×				×	×		
17-18	×	×		×		×			×			×
19-20	×	×			×				×	×		
21-22		×	×	×		×			×			×
23-24		×	×		×		×			×		
25-26	×	×		×		×	×			×	×	
27-28	×	×		×		×	×			×		
29-30		×	×	×		×	×			×		
31-32		×	×	×		×	×			×		

3-gear switch

Junction code	E02/8			727/8			888/8			697/8		
2-16 codes	FFF3/0000/000C			4555/3000/8AAA			00FF/FF00/00FF			A027/96E6/6919		
Panel lettering	1	0	2	1	2	3	1	2	3	1	2	3
1-2	x				x			x			x	
3-4	x				x			x		x		x
5-6	x			x				x				x
7-8	x					x		x		x	x	
9-10	x			x				x				x
11-12	x					x		x			x	
13-14	x			x				x			x	
15-16	x					x		x				x
17-18	x			x			x		x			x
19-20	x					x	x		x	x	x	
21-22	x			x			x		x		x	
23-24	x					x	x		x		x	
25-26	x			x			x		x	x		x
27-28	x					x	x		x	x	x	
29-30			x	x			x		x	x	x	
31-32			x			x	x		x			x

Junction code	F1F/8		
2-16 codes	FFF7/0008/FFF7		
Panel lettering	1	2	3
1-2	x		x
3-4	x		x
5-6	x		x
7-8	x		x
9-10	x		x
11-12	x		x
13-14	x		x
15-16	x		x
17-18	x		x
19-20	x		x
21-22	x		x
23-24	x		x
25-26	x		x
27-28	x		x
29-30	x		x
31-32		x	

4-gear switch

Junction code		0111/2				1123/2				0233/2				2022/2			
2-16 codes		0/1/2/4				8/1/3/7				0/3/7/B				6/0/9/3			
Panel lettering	16A-4oc													1	0	1	2
	16B-3oc													1	0	2	3
	Others	0	1	2	3	1	2	3	4	0	1	2	3	1	2	3	4
1-2			x				x	x	x		x	x	x			x	x
3-4				x				x	x		x	x	x	x			x
5-6					x				x			x		x			
7-8						x							x			x	

Junction code		2022A/2				2022B/2				2022C/2				2022D/2			
2-16 codes		A/0/6/9				3/0/6/5				9/0/A/C				5/0/3/6			
Panel lettering	16A-4oc	1	0	1	2	1	0	1	2	1	0	1	2	1	0	1	2
	16B-3oc	1	0	2	3	1	0	2	3	1	0	2	3	1	0	2	3
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2					x	x			x	x				x		x	
3-4		x		x		x		x				x				x	x
5-6				x				x	x				x	x			x
7-8		x			x					x		x	x				

Junction code		0222/2				0222A/2				0222B/2				0222C/2			
2-16 codes		0/9/A/C				0/3/6/C				0/3/6/9				0/C/A/9			
Panel lettering		0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3
1-2			x				x				x		x				x
3-4				x			x	x			x	x				x	
5-6					x			x	x			x			x		
7-8			x	x	x				x				x		x	x	x

Junction code		1012/2				1234/2				1013/2				1311/2			
2-16 codes		2/0/8/5				1/3/7/F				8/0/4/7				4/7/2/1			
Panel lettering	16A-4oc	1	0	1	2					1	0	1	2				
	16B-3oc	1	0	2	3					1	0	2	3				
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2					x	x	x	x	x				x		x		x
3-4		x					x	x	x				x		x	x	
5-6					x			x	x			x	x	x	x		
7-8				x					x	x							

Junction code		1311A/2				1101/2				1111/2				1111A/2			
2-16 codes		2/7/4/1				4/1/0/2				1/2/4/8				1/4/8/2			
Panel lettering		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2			x		x		x			x				x			
3-4		x	x						x		x						x
5-6			x	x		x						x			x		
7-8													x			x	

Junction code		1111B/2				2011/2				2121/2				0224/2			
2-16 codes		1/4/2/8				A/0/1/4				5/1/3/8				0/3/C/F			
Panel lettering	16A-4oc					1	0	1	2								
	16B-3oc					1	0	2	3								
	Others	1	2	3	4	1	2	3	4	1	2	3	4	0	1	2	3
1-2		x						x		x	x	x			x		x
3-4				x		x						x			x		x
5-6			x						x	x						x	x
7-8					x	x							x			x	x

4-gear switch

Junction code	1112/2				2222/2				2222A/2				2222B/2			
2-16 codes	4/8/1/3				6/C/9/3				9/5/A/6				3/9/C/6			
Panel lettering	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2			X	X			X	X	X	X			X	X		
3-4				X	X			X			X	X	X			X
5-6	X				X	X				X		X			X	X
7-8		X				X	X		X		X			X	X	

Junction code		4220/2				3033/2				3033A/2				4111/2			
2-16 codes		F/A/5/0				B/0/E/D				7/0/E/B				F/2/4/8			
Panel lettering	16A-4oc					1	0	1	2	1	0	1	2				
	16B-3oc					1	0	2	3	1	0	2	3				
	Others					1	2	3	4	1	2	3	4				
1-2		×		×		×			×	×			×	×			
3-4		×	×			×		×		×		×		×	×		
5-6		×		×				×	×	×		×	×	×		×	
7-8		×	×			×		×	×			×	×	×			×

Junction code	4202/2				1222/2				0244/3				1203/3			
2-16 codes	F/3/0/C				1/3/6/C				00/30/53/93				01/30/00/C2			
Panel lettering	1	2	3	4	1	2	3	4	0	1	2	3	1	2	3	4
1-2	X	X			X	X				X	X	X		X		
3-4	X	X				X	X			X				X		
5-6	X			X			X	X			X					X
7-8	X			X				X				X				X
9-10											X	X	X			
11-12											X	X				X

Junction code		1234/3				0336/3				1212/3				2022/3			
2-16 codes		20/50/D0/D1				00/70/83/F3				10/21/40/82				42/00/21/90			
Panel lettering	16A-4oc													1	0	1	2
	16B-3oc													1	0	2	3
	Others	1	2	3	4	0	1	2	3	1	2	3	4	1	2	3	4
1-2			×	×	×		×		×	×							×
3-4		×					×		×		×					×	
5-6			×	×	×		×		×			×		×			
7-8				×	×			×	×				×				×
9-10					×			×	×		×					×	
11-12								×	×				×	×			

Junction code		2022A/3				1023/3				1222/3				2033/3			
2-16 codes		60/00/03/90				20/00/12/C1				02/30/C0/41				90/00/62/83			
Panel lettering	16A-4oc	1	0	1	2	1	0	1	2					1	0	1	2
	16B-3oc	1	0	2	3	1	0	2	3					1	0	2	3
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2					×			×			×			×			
3-4		×				×					×					×	
5-6		×							×			×	×			×	
7-8					×				×			×		×			×
9-10				×					×				×				×
11-12				×				×		×						×	×

4-gear switch

Junction code		2033A/3				0222/3				0222A/3				1113/3			
2-16 codes		90/00/62/43				00/90/21/42				00/90/42/21				80/20/40/13			
Panel lettering	16A-4oc	1	0	1	2												
	16B-3oc	1	0	2	3												
	Others	1	2	3	4	0	1	2	3	0	1	2	3	1	2	3	4
1-2		x					x				x						x
3-4				x				x				x			x		
5-6				x	x				x			x				x	
7-8		x					x				x			x			
9-10					x			x					x				x
11-12				x	x				x			x					x

Junction code		1113A/3				2332/3				2220/3				2222/3			
2-16 codes		10/01/80/02				30/C1/43/30				60/81/12/00				12/22/41/81			
Panel lettering	16A-4oc	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	16B-3oc	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2		x				x			x			x		x			
3-4					x	x			x	x					x		
5-6					x		x	x		x						x	
7-8				x			x				x						x
9-10			x				x	x			x					x	x
11-12					x			x				x		x	x		

Junction code		2222A/3				2222B/3				2222C/3				3036/3			
2-16 codes		30/50/81/A0				12/42/81/21				03/60/C0/90				51/00/A2/F3			
Panel lettering	16A-4oc	1	2	3	4	1	2	3	4	1	2	3	4	1	0	1	2
	16B-3oc	1	2	3	4	1	2	3	4	1	2	3	4	1	0	2	3
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2		x	x			x							x	x			x
3-4		x			x				x		x					x	x
5-6			x				x				x	x		x			x
7-8				x	x			x				x	x			x	x
9-10				x				x	x	x				x			x
11-12						x	x			x						x	x

Junction code		3333/3				3333A/3				3111/3				4044/3			
2-16 codes		A2/61/92/51				A1/61/92/52				70/80/01/02				72/00/F0/71			
Panel lettering	16A-4oc	1	2	3	4	1	2	3	4	1	2	3	4	1	0	1	2
	16B-3oc	1	2	3	4	1	2	3	4	1	2	3	4	1	0	2	3
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2				x	x			x	x	x				x		x	x
3-4		x	x			x	x			x				x		x	x
5-6			x		x		x		x	x				x		x	x
7-8		x		x		x		x			x					x	
9-10			x		x	x	x					x					x
11-12		x		x				x	x				x	x			

Junction code		2421/3				2421A/3				3133/3				4220/3			
2-16 codes		30/F0/C0/01				11/D1/C0/20				E0/02/51/D0				E1/60/30/00			
Panel lettering	16A-4oc	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	16B-3oc	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2		x	x			x	x					x	x			x	
3-4		x	x						x	x				x	x	x	
5-6			x	x			x	x		x		x	x	x			
7-8			x	x			x	x		x			x	x			
9-10					x	x	x					x		x			
11-12											x						

4-gear switch

Junction code		3022/3				4421/3				1223/3				0278/4			
2-16 codes		92/22/21/60				D1/B1/11/02				10/81/42/62				00/81/F7/FF			
Panel lettering	16A-4oc	1	0	1	2												
	16B-3oc	1	0	2	3												
	Others	1	2	3	4	1	2	3	4	1	2	3	4	0	1	2	3
1-2		x				x	x	x		x						x	x
3-4				x	x		x						x			x	x
5-6					x	x						x	x			x	x
7-8		x				x	x				x				x	x	x
9-10				x		x	x	x			x				x	x	x
11-12		x							x			x	x			x	x
13-14																x	x
15-16																	x

Junction code		1466/4				2222/4				2222A/4				2222B/4			
2-16 codes		02/78/F3/FC				11/22/44/88				11/44/88/22				81/24/42/18			
Panel lettering	16A-4oc	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	16B-3oc																
	Others																
1-2			x	x	x	x				x							x
3-4			x	x	x		x						x		x		
5-6			x	x	x			x			x					x	
7-8				x	x				x			x		x			
9-10				x		x				x				x			
11-12		x		x			x						x			x	
13-14					x			x			x				x		
15-16			x		x				x			x					x

Junction code		0366/4				2033/4				2333/4				2333A/4			
2-16 codes		00/70/F3/FC				30/00/C1/07				48/94/A2/C1				50/54/A4/0B			
Panel lettering	16A-4oc					1	0	1	2								
	16B-3oc					1	0	2	3								
	Others	0	1	2	3	1	2	3	4	1	2	3	4	1	2	3	4
1-2			x	x	x	x					x			x	x		
3-4			x	x	x	x						x				x	
5-6			x	x	x			x		x			x	x	x		
7-8				x	x			x			x	x	x			x	
9-10				x				x	x				x				x
11-12				x					x			x					x
13-14					x				x		x				x	x	
15-16					x					x							x

Junction code		0223/4				0468/4				2204/4				3033/4			
2-16 codes		00/30/C0/07				00/72/7B/FF				03/30/00/CC				54/00/A4/0B			
Panel lettering	16A-4oc													1	0	1	2
	16B-3oc													1	0	2	3
	Others	0	1	2	3	0	1	2	3	1	2	3	4	1	2	3	4
1-2			x				x	x	x		x			x			
3-4			x				x	x	x		x					x	
5-6				x			x	x	x				x	x			
7-8				x					x				x			x	
9-10					x			x	x	x							x
11-12					x		x	x	x	x							x
13-14					x				x				x	x		x	
15-16								x	x				x				x

4-gear switch

Junction code		3033A/4				3313/4				3333/4				3333A/4			
2-16 codes		16/00/C4/29				45/2C/10/A2				34/07/0B/C8				54/07/0B/A8			
Panel lettering	16A-4oc	1	0	1	2												
	16B-3oc	1	0	2	3												
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2		x						x		x				x			
3-4					x		x		x	x							x
5-6				x		x							x	x			
7-8				x					x				x				x
9-10					x	x					x	x			x	x	
11-12		x							x		x	x			x	x	
13-14		x		x		x	x			x	x			x	x		
15-16					x		x					x	x			x	x

Junction code		4033/4				3143/4				3143A/4				3322/4			
2-16 codes		CC/00/38/0B				19/04/A6/51				B0/04/0F/70				0B/0D/50/A0			
Panel lettering	16A-4oc	1	0	1	2												
	16B-3oc	1	0	2	3												
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2				x		x			x	x			x			x	
3-4				x				x		x			x				x
5-6	x								x				x			x	
7-8	x							x		x							x
9-10					x	x			x			x		x	x		
11-12					x			x				x		x			
13-14		x					x	x			x	x			x		
15-16		x		x	x	x						x		x	x		

Junction code		3334/4				4044/4				4044A/4				3234/4			
2-16 codes		16/25/43/87				AA/00/33/66				B8/00/33/74				34/30/C4/8B			
Panel lettering	16A-4oc					1	0	1	2	1	0	1	2				
	16B-3oc					1	0	2	3	1	0	2	3				
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2		x						x		x		x	x	x	x		
3-4			x			x		x	x	x		x	x	x	x		
5-6				x					x				x			x	
7-8					x	x				x						x	x
9-10			x	x	x			x				x					x
11-12		x		x	x	x		x	x			x					x
13-14		x	x		x				x				x	x		x	
15-16						x				x							x

Junction code		3323/4				3323A/4				4022/4				4048/4			
2-16 codes		0B/C4/30/34				23/C4/18/32				CC/00/30/03				53/00/AC/FF			
Panel lettering	16A-4oc									1	0	1	2	1	0	1	2
	16B-3oc									1	0	2	3	1	0	2	3
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2				x	x			x	x			x		x			x
3-4				x	x	x			x			x				x	x
5-6			x				x			x				x			x
7-8			x				x			x						x	x
9-10		x				x							x	x			x
11-12		x				x			x				x	x			x
13-14			x		x		x			x						x	x
15-16		x						x		x						x	x

4-gear switch

Junction code		4242/4				4542/4				6011/4				4255/4			
2-16 codes		CC/11/AA/22				33/73/CC/0C				F3/00/04/08				B1/90/E5/37			
Panel lettering	16A-4oc									1	0	1	2				
	16B-3oc									1	0	2	3				
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2			x			x	x			x				x		x	x
3-4				x	x	x	x			x				x	x		x
5-6		x					x	x		x						x	
7-8		x		x				x		x				x	x	x	
9-10			x			x	x			x				x		x	x
11-12				x	x	x	x			x							x
13-14		x						x	x			x				x	x
15-16		x		x				x	x				x				

Junction code		5121/4				8044/4				4332/4				5541/4			
2-16 codes		4F/40/90/20				FF/00/55/AA				65/32/92/42				B6/A7/63/08			
Panel lettering	16A-4oc					1	0	1	2								
	16B-3oc					1	0	2	3								
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2				x		x		x			x	x		x			
3-4					x	x			x	x	x			x	x	x	
5-6		x	x			x		x		x			x			x	
7-8				x		x			x			x		x	x		
9-10		x				x		x		x					x	x	
11-12		x				x			x		x	x	x	x	x	x	
13-14		x				x		x		x				x	x		
15-16		x				x			x								x

Junction code		0334/5				0352/5				0444/5				4242/5			
2-16 codes		000/700/830/0C3				000/510/A61/082				000/702/832/0C3				170/840/A81/C00			
Panel lettering		0	1	2	3	0	1	2	3	0	1	2	3	1	2	3	4
1-2			x				x				x			x			
3-4			x					x			x					x	
5-6			x				x				x						x
7-8				x				x				x			x	x	x
9-10				x			x					x		x			
11-12				x				x				x		x			
13-14					x			x					x	x	x		
15-16					x				x				x			x	
17-18					x			x					x			x	
19-20					x				x		x	x	x				

Junction code		1434/5				5355/5				0555/5				2155/5			
2-16 codes		100/870/A40/C81				172/830/AA2/833				000/4E1/9C1/2D1				C00/100/A23/CD0			
Panel lettering		1	2	3	4	1	2	3	4	0	1	2	3	1	2	3	4
1-2		x				x						x			x		
3-4				x				x					x			x	
5-6					x						x			x			x
7-8			x	x	x		x	x	x			x		x		x	x
9-10			x			x	x		x				x				x
11-12			x			x	x	x	x		x				x		
13-14			x	x		x					x	x	x				x
15-16					x			x			x	x	x				x
17-18					x				x		x	x	x			x	
19-20						x		x	x						x		

4-gear switch

Junction code		4444/5				4444A/5				6067/5				055A/5			
2-16 codes		330/3C0/C03/0F0				1B0/3C0/C03/270				9D1/000/6E1/BE1				000/551/AA2/FF3			
Panel lettering	16A-4oc									1	0	1	2				
	16B-3oc									1	0	2	3				
	Others	1	2	3	4	1	2	3	4	1	2	3	4	0	1	2	3
1-2		x	x			x	x			x			x		x		x
3-4		x	x				x		x			x	x			x	x
5-6				x				x				x			x		x
7-8				x				x		x			x			x	x
9-10		x			x	x			x	x					x		x
11-12		x			x	x			x			x	x			x	x
13-14			x		x		x		x	x		x	x		x		x
15-16			x		x	x	x			x		x	x			x	x
17-18				x				x		x		x	x		x		x
19-20				x				x								x	x

Junction code		3077/5				5045/5				6466/5				0334/5			
2-16 codes		700/000/7C3/8F3				551/000/A22/AA2				372/813/B61/DA1				000/700/830/0C3			
Panel lettering	16A-4oc	1	0	1	2	1	0	1	2								
	16B-3oc	1	0	2	3	1	0	2	3								
	Others	1	2	3	4	1	2	3	4	1	2	3	4	0	1	2	3
1-2		x		x		x				x		x	x		x		
3-4		x		x				x	x	x		x			x		
5-6		x		x		x							x		x		
7-8					x			x	x		x	x	x			x	
9-10					x	x				x	x					x	
11-12					x			x	x	x		x	x			x	
13-14				x	x	x				x		x					x
15-16				x	x				x				x				x
17-18				x	x	x					x	x	x				x
19-20				x	x			x	x	x	x						x

Junction code		3333/6				3333A/6				5106/6				5506/6			
2-16 codes		111/222/444/888				111/444/888/222				C34/200/000/1CB				AA8/A2A/000/555			
Panel lettering		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2		x				x							x				x
3-4			x						x		x			x	x		
5-6				x			x			x							x
7-8					x			x		x				x	x		
9-10		x				x				x							x
11-12			x						x	x				x	x		
13-14				x			x						x				x
15-16					x			x					x	x			
17-18		x				x							x				x
19-20			x						x				x		x		
21-22				x			x			x							x
23-24					x			x					x	x	x		

4-gear switch

Junction code		6066/6				6066A/6				5055/6				5155/6			
2-16 codes		666/000/333/CCC				70E/000/83E/OCF				F10/000/307/3E0				307/008/3E0/F10			
Panel lettering	16A-4oc	1	0	1	2	1	0	1	2	1	0	1	2				
	16B-3oc	1	0	2	3	1	0	2	3	1	0	2	3				
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2				X		X				X		X	X	X		X	X
3-4		X		X		X				X		X	X	X		X	X
5-6		X			X	X				X							X
7-8					X			X		X							X
9-10				X				X		X							X
11-12		X		X				X					X			X	
13-14		X			X				X				X			X	
15-16					X				X				X			X	
17-18				X					X			X		X			
19-20		X		X		X		X	X			X		X			
21-22		X			X	X		X	X			X		X			
23-24					X	X		X	X						X		

Junction code		5655/6				606C/6				6660/6				8664/6			
2-16 codes		94A/OCF/4A9/296				5F0/000/A0F/FFF				70E/83E/OCF/000				E37/E86/F09/056			
Panel lettering	16A-4oc					1	0	1	2								
	16B-3oc					1	0	2	3								
	Others	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1-2		X				X			X	X						X	
3-4					X			X	X	X				X	X	X	
5-6				X		X			X	X				X	X	X	
7-8		X						X	X		X			X	X	X	
9-10					X	X			X		X			X			X
11-12				X		X			X		X			X			
13-14		X	X			X			X			X					X
15-16			X	X	X	X			X			X			X		
17-18			X	X				X	X			X		X		X	
19-20		X	X		X			X	X	X	X	X		X	X		X
21-22			X		X			X	X	X	X	X		X	X		
23-24		X	X	X				X	X	X	X	X				X	

Junction code		6360/6				7760/6			
2-16 codes		70E/830/OCF/000				70F/83F/OCF/000			
Panel lettering		1	2	3	4	1	2	3	4
1-2		X				X			
3-4		X				X			
5-6		X				X			
7-8			X				X		
9-10			X				X		
11-12			X				X		
13-14				X				X	
15-16				X				X	
17-18				X		X	X	X	
19-20		X		X		X	X	X	
21-22		X		X		X	X	X	
23-24		X		X		X	X	X	

4-gear switch

Junction code	4164/7				1346/7				4444/7			
2-16 codes	0701/1000/0C71/E080				1000/2900/4250/84E1				9440/2980/4211/8422			
Panel lettering	1	2	3	4	1	2	3	4	1	2	3	4
1-2		×			×				×			
3-4				×		×				×		
5-6				×			×				×	
7-8				×				×	×			×
9-10	×					×				×		
11-12	×						×				×	
13-14	×		×					×	×			×
15-16			×			×				×		
17-18			×				×				×	
19-20			×					×				×
21-22			×				×	×	×			
23-24				×				×		×		
25-26	×		×					×			×	
27-28												×

Junction code	4640/7				6646/7				7447/7			
2-16 codes	A201/05B2/5840/0000				5053/0553/00A3/AAA0				AAA2/1510/4141/5551			
Panel lettering	1	2	3	4	1	2	3	4	1	2	3	4
1-2			×		×					×		×
3-4	×							×	×			
5-6			×		×						×	×
7-8	×							×	×			
9-10		×				×				×	×	×
11-12	×							×	×			
13-14		×				×				×		×
15-16			×					×	×			
17-18		×			×	×				×		×
19-20		×					×	×	×			
21-22			×		×	×					×	×
23-24		×					×	×	×			
25-26	×				×	×	×				×	×
27-28		×			×	×	×		×			

Junction code	8666/7				5445/7				6660/7			
2-16 codes	ABA2/8AA2/29A2/5451				A8A0/12A0/2441/4151				F300/3C30/30C3/0000			
Panel lettering	1	2	3	4	1	2	3	4	1	2	3	4
1-2				×		×			×	×	×	
3-4	×		×		×		×		×	×	×	
5-6				×				×	×			
7-8	×	×			×				×			
9-10	×		×					×	×			
11-12	×	×				×			×			
13-14				×			×			×		
15-16	×	×	×		×					×		
17-18				×				×		×		
19-20	×	×	×		×	×				×		
21-22				×			×	×			×	
23-24	×	×	×		×	×					×	
25-26				×			×	×			×	
27-28	×	×	×								×	

4-gear switch

Junction code	7777/7				3355/8				4444/8			
2-16 codes	5551/AAA2/5551/AAA2				7000/8300/0C70/008F				1111/2222/4444/8888			
Panel lettering	1	2	3	4	1	2	3	4	1	2	3	4
1-2	x		x		x				x			
3-4		x		x	x					x		
5-6	x		x		x						x	
7-8		x		x		x						x
9-10	x		x			x			x			
11-12		x		x		x				x		
13-14	x		x				x				x	
15-16		x		x			x					x
17-18	x		x				x		x			
19-20		x		x			x			x		
21-22	x		x				x				x	
23-24		x		x				x				x
25-26	x		x					x	x			
27-28		x		x				x		x		
29-30								x			x	
31-32								x				x

Junction code	7777/8				8880/8			
2-16 codes	69A1/6A52/9A94/96A8				FF00/F0F0/F00F/0000			
Panel lettering	1	2	3	4	1	2	3	4
1-2			x	x	x	x	x	
3-4	x	x			x	x	x	
5-6	x	x			x	x	x	
7-8			x	x	x	x	x	
9-10	x				x			
11-12		x	x	x	x			
13-14				x	x			
15-16	x	x	x		x			
17-18		x	x			x		
19-20	x			x		x		
21-22		x				x		
23-24	x		x	x		x		
25-26	x						x	
27-28		x					x	
29-30			x				x	
31-32				x			x	

5-gear switch

Junction code	11011/2					11011A/2					11011B/2				
2-16 codes	1/4/0/8/2					4/1/0/2/8					2/1/0/4/8				
Panel lettering	2	1	0	1	2	2	1	0	1	2	2	1	0	1	2
1-2	×						×					×			
3-4					×				×		×				
5-6		×				×								×	
7-8				×						×					×

Junction code	01111/2					01111A/2					12030/2				
2-16 codes	0/1/2/4/8					0/8/2/4/1					4/6/0/7/0				
Panel lettering	0	1	2	3	4	0	1	2	3	4	1	2	3	4	5
1-2		×								×				×	
3-4			×					×				×		×	
5-6				×					×		×	×		×	
7-8					×		×								

Junction code	12211/2					12211A/2					01234/2				
2-16 codes	1/C/A/4/2					1/A/C/2/4					0/1/3/7/F				
Panel lettering	1	2	3	4	5	1	2	3	4	5	0	1	2	3	4
1-2	×					×						×	×	×	×
3-4			×		×		×		×				×	×	×
5-6		×		×				×		×				×	×
7-8		×	×				×	×							×

Junction code	11211/2					11211A/2					11211B/2				
2-16 codes	8/8/3/4/4					4/2/9/2/4					4/4/9/2/2				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2			×					×					×		
3-4			×				×		×					×	×
5-6				×	×	×				×	×	×			
7-8	×	×						×					×		

Junction code	12421/2					03230/2					12011/2				
2-16 codes	1/5/F/A/2					0/E/C/D/0					8/3/0/1/4				
Panel lettering	1	2	3	4	5	0	1	2	3	4	2	1	0	1	2
1-2	×	×	×						×			×		×	
3-4			×	×	×		×					×			
5-6		×	×				×	×	×						×
7-8			×	×			×	×	×		×				

Junction code	20202/2					10101/2					12021/2				
2-16 codes	5/0/6/0/A					8/0/1/0/4					1/5/0/A/2				
Panel lettering	1	2	3	4	5	1	2	3	4	5	2	1	0	1	2
1-2	×							×			×	×			
3-4			×		×									×	×
5-6	×		×							×		×			
7-8					×	×								×	

5-gear switch

Junction code	12021A/2					21012/2					21012A/2				
2-16 codes	1/3/0/C/4					5/1/0/2/A					A/1/0/4/5				
Panel lettering	2	1	0	1	2	2	1	0	1	2	2	1	0	1	2
1-2	×	×				×	×					×			×
3-4		×							×	×	×				
5-6				×	×	×								×	×
7-8				×						×	×				

Junction code	21012B/2					21012C/2					42024/2				
2-16 codes	C/1/0/2/3					A/2/0/1/5					F/5/0/A/F				
Panel lettering	2	1	0	1	2	2	1	0	1	2	2	1	0	1	2
1-2		×			×				×	×	×	×			×
3-4				×	×	×	×				×			×	×
5-6	×									×	×	×			×
7-8	×					×					×			×	×

Junction code	22012/2					22012A/2					22022/2				
2-16 codes	3/5/0/2/3					5/9/0/4/6					5/9/0/A/6				
Panel lettering	2	1	0	1	2	2	1	0	1	2	2	1	0	1	2
1-2	×	×			×	×	×				×	×			
3-4	×			×	×					×				×	×
5-6		×				×			×	×	×				×
7-8							×					×		×	

Junction code	22022A/2					22022B/2					22022C/2				
2-16 codes	5/6/0/9/A					5/9/0/6/A					3/9/0/C/6				
Panel lettering	2	1	0	1	2	2	1	0	1	2	2	1	0	1	2
1-2	×			×		×	×				×	×			
3-4		×			×				×	×	×				×
5-6	×	×				×			×					×	×
7-8				×	×		×			×		×		×	

Junction code	24042/2					32023/2					32023A/2				
2-16 codes	3/F/0/F/3					E/A/0/5/7					E/6/0/9/D				
Panel lettering	2	1	0	1	2	2	1	0	1	2	2	1	0	1	2
1-2	×	×		×	×				×	×				×	×
3-4	×	×		×	×	×	×			×	×	×			
5-6		×		×		×			×	×	×	×			×
7-8		×		×		×	×				×			×	×

Junction code	01212/2					10112/2					02224/2				
2-16 codes	0/1/A/4/9					8/0/1/2/9					0/6/9/5/F				
Panel lettering	0	1	2	3	4	1	2	3	4	5	0	1	2	3	4
1-2		×			×			×		×			×	×	×
3-4			×						×			×			×
5-6				×								×		×	×
7-8			×		×	×				×			×		×

5-gear switch

Junction code	12023/2					20132/2					21021/2				
2-16 codes	1/A/0/C/E					5/0/2/E/6					3/1/0/6/8				
Panel lettering	2	1	0	1	2	1	2	3	4	5	2	1	0	1	2
1-2	×					×					×	×			
3-4		×			×			×	×	×	×			×	
5-6				×	×	×			×	×				×	
7-8		×		×	×				×						×

Junction code	21023/2					11232/2					21112/2				
2-16 codes	C/4/0/3/B					8/1/3/7/5					A/2/1/4/C				
Panel lettering	2	1	0	1	2	1	2	3	4	5	1	2	3	4	5
1-2				×	×		×	×	×	×			×		
3-4				×	×			×	×		×	×			
5-6	×	×							×	×				×	×
7-8	×				×	×					×				×

Junction code	21011/2					12221/2					32032/2				
2-16 codes	C/4/0/1/2					4/A/9/A/4					B/A/0/E/C				
Panel lettering	2	1	0	1	2	1	2	3	4	5	2	1	0	1	2
1-2				×				×			×				
3-4					×		×		×		×	×		×	
5-6	×	×				×				×				×	×
7-8	×						×	×	×		×	×		×	×

Junction code	22033/3					32112/2					42020/2				
2-16 codes	5/6/0/7/B					E/C/1/2/6					F/3/0/C/0				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2	×			×	×			×			×	×			
3-4		×		×	×	×	×		×	×	×	×			
5-6	×	×		×		×				×	×			×	
7-8					×	×	×				×			×	

Junction code	03021/3					11111/3					11111A/3				
2-16 codes	00/23/00/11/40					10/40/80/01/20					10/40/01/20/80				
Panel lettering	0	1	2	3	4	1	2	3	4	5	1	2	3	4	5
1-2				×		×					×				
3-4		×								×				×	
5-6					×		×					×			
7-8								×							×
9-10		×		×					×				×		
11-12		×													

Junction code	13123/3					11211/3					11211A/3				
2-16 codes	40/31/10/11/92					40/31/10/11/92					10/40/03/20/80				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2		×	×	×	×					×	×				
3-4		×				×								×	
5-6	×								×			×			
7-8					×			×							×
9-10		×		×				×					×		
11-12					×		×						×		

5-gear switch

Junction code	11211B/3					12221/3					20111/3				
2-16 codes	02/01/C0/20/10					10/50/82/21/20					90/00/20/40/01				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2					×	×	×				×				
3-4				×					×	×			×		
5-6			×				×							×	
7-8			×					×			×				
9-10		×							×						×
11-12	×							×							

Junction code	20202/3					20202A/3					22062/3				
2-16 codes	50/00/03/00/A0					30/00/C0/00/03					A0/03/00/F3/50				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2	×					×								×	×
3-4					×	×					×			×	
5-6	×							×						×	×
7-8					×			×			×			×	
9-10			×							×		×		×	
11-12			×							×		×		×	

Junction code	22242/3					22242A/3					31133/3				
2-16 codes	22/A0/21/F0/11					22/21/A0/71/C0					31/20/80/70/32				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2				×	×				×		×			×	×
3-4	×	×	×	×		×	×	×	×		×	×		×	×
5-6				×					×	×				×	
7-8		×		×				×		×			×		
9-10			×		×		×		×		×				
11-12	×					×									×

Junction code	31133A/3					20123/3					20213/3				
2-16 codes	31/20/02/70/B0					81/00/40/60/70					A0/00/41/10/51				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2	×			×	×					×				×	×
3-4	×	×		×	×				×	×	×				
5-6				×				×	×	×			×		×
7-8					×	×									
9-10	×					×					×				
11-12			×										×		×

Junction code	22222/3					22222A/3					22222B/3				
2-16 codes	30/42/81/42/30					11/42/03/82/22					60/21/03/11/50				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2	×				×	×								×	×
3-4	×				×					×	×	×			
5-6		×		×			×				×				×
7-8			×						×						
9-10			×			×		×				×	×	×	
11-12		×		×			×	×	×	×			×		

5-gear switch

Junction code	22222C/3					22222D/3					22222E/3				
2-16 codes	50/A0/03/A0/50					12/21/C0/21/12					50/22/42/82/03				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2	×				×	×				×	×				
3-4		×		×			×		×			×			
5-6	×				×			×			×		×		
7-8		×		×				×						×	
9-10			×				×		×						×
11-12			×			×				×		×	×	×	×

Junction code	22222F/3					23032/3					23032A/3				
2-16 codes	60/A0/81/90/50					50/51/00/A2/A0					30/70/00/83/81				
Panel lettering	1	2	3	4	5	2	1	0	1	2	2	1	0	1	2
1-2				×	×	×	×				×	×			
3-4	×	×							×	×	×	×			
5-6	×				×	×	×					×			
7-8		×	×	×					×	×				×	×
9-10			×				×							×	×
11-12									×					×	

Junction code	23032B/3					32013/3					21212/3				
2-16 codes	41/51/00/B0/A0					31/60/00/80/32					A0/80/03/40/50				
Panel lettering	2	1	0	1	2	2	1	0	1	2	1	2	3	4	5
1-2		×		×		×				×					×
3-4				×	×	×	×			×	×				
5-6	×	×					×							×	×
7-8				×	×				×		×	×			
9-10	×	×				×							×		
11-12										×			×		

Junction code	21212A/3					24042/3					32023/3				
2-16 codes	03/01/30/40/C0					50/72/00/B1/A0					A1/A0/00/50/52				
Panel lettering	1	2	3	4	5	2	1	0	1	2	2	1	0	1	2
1-2			×			×	×		×					×	×
3-4			×				×		×	×	×	×			
5-6				×	×	×	×							×	×
7-8					×				×	×	×	×			
9-10	×	×							×		×				
11-12	×						×								×

Junction code	32023A/3					22022/3					22022A/3				
2-16 codes	43/03/00/30/B0					60/A0/00/03/90					21/11/00/12/C0				
Panel lettering	2	1	0	1	2	2	1	0	1	2	2	1	0	1	2
1-2				×	×					×		×		×	
3-4				×	×	×	×				×				
5-6	×					×									×
7-8					×		×			×					×
9-10	×	×							×		×	×			
11-12	×	×							×					×	

5-gear switch

Junction code	22022B/3					22022C/3					31113/3				
2-16 codes	41/11/00/30/C0					22/11/00/50/A0					51/20/40/80/A2				
Panel lettering	2	1	0	1	2	2	1	0	1	2	1	2	3	4	5
1-2		x		x			x		x		x				
3-4				x		x				x		x			x
5-6	x				x				x		x		x		
7-8					x					x				x	x
9-10	x	x					x				x				
11-12						x									x

Junction code	33033/3					33033A/3					33033B/3				
2-16 codes	31/70/00/B0/32					83/70/00/70/83					13/32/00/52/92				
Panel lettering	2	1	0	1	2	2	1	0	1	2	2	1	0	1	2
1-2	x	x		x	x		x		x		x	x		x	x
3-4	x	x		x	x		x		x			x			
5-6		x					x		x					x	
7-8				x		x				x					x
9-10	x					x				x	x				
11-12					x	x				x	x	x		x	x

Junction code	33133/3					33133A/3					40304/3				
2-16 codes	83/A2/10/62/43					43/C2/10/A2/23					B2/00/70/00/71				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2			x					x			x		x		x
3-4		x		x					x	x	x		x		x
5-6				x	x	x	x						x		x
7-8	x	x					x		x		x				
9-10	x				x	x				x					x
11-12	x	x		x	x	x	x		x	x	x				

Junction code	41014/3					43034/3					43034A/3				
2-16 codes	93/10/00/20/63					53/52/00/A1/A3					33/32/00/C1/C3				
Panel lettering	2	1	0	1	2	2	1	0	1	2	2	1	0	1	2
1-2	x	x				x	x				x	x			
3-4				x	x				x	x	x	x			
5-6					x	x	x							x	x
7-8	x								x	x				x	x
9-10	x				x	x			x	x	x			x	x
11-12	x				x	x	x			x	x	x			x

Junction code	23023/3					32032/3					01234/3				
2-16 codes	50/51/00/A0/A2					A1/A0/00/52/50					00/10/30/E0/C3				
Panel lettering	2	1	0	1	2	2	1	0	1	2	0	1	2	3	4
1-2	x	x							x	x		x	x		
3-4				x	x	x	x						x	x	
5-6	x	x							x	x				x	x
7-8				x	x	x	x							x	x
9-10		x				x									x
11-12					x				x						x

5-gear switch

Junction code	02222/3					11034/3					12032/3				
2-16 codes	00/30/50/90/11					10/80/00/43/63					20/42/00/13/90				
Panel lettering	0	1	2	3	4	2	1	0	1	2	2	1	0	1	2
1-2		×	×	×	×	×								×	×
3-4		×								×	×				
5-6			×						×	×		×			
7-8				×			×								×
9-10					×				×	×				×	
11-12									×	×		×		×	

Junction code	02234/3					14230/3					21014/3				
2-16 codes	00/30/50/D0/D1					02/71/30/B0/00					03/20/00/10/C3				
Panel lettering	0	1	2	3	4	1	2	3	4	5	2	1	0	1	2
1-2		×	×	×	×		×	×	×					×	
3-4		×					×	×	×			×			
5-6			×	×	×		×								×
7-8				×	×				×						×
9-10					×		×				×				×
11-12						×					×				×

Junction code	03111/3					20133/3					21024/3				
2-16 codes	00/70/80/01/02					60/00/10/91/13					82/10/00/60/63				
Panel lettering	0	1	2	3	4	1	2	3	4	5	2	1	0	1	2
1-2		×						×	×	×		×			
3-4		×				×								×	×
5-6		×				×								×	×
7-8			×						×		×				
9-10				×					×	×					×
11-12					×					×	×				×

Junction code	21033/3					22430/3					22011/3				
2-16 codes	50/80/00/32/31					50/30/F0/83/00					22/11/00/40/80				
Panel lettering	2	1	0	1	2	1	2	3	4	5	2	1	0	1	2
1-2	×			×	×	×	×	×				×			
3-4				×	×		×	×			×				
5-6	×					×		×						×	
7-8		×						×	×						×
9-10					×				×			×			
11-12				×					×		×				

Junction code	22026/3					30303/3					31013/3				
2-16 codes	42/21/00/90/F3					A2/00/51/00/A2					23/10/00/10/E0				
Panel lettering	2	1	0	1	2	1	2	3	4	5	2	1	0	1	2
1-2				×	×			×				×		×	
3-4		×			×	×				×	×				×
5-6	×				×			×							×
7-8				×	×	×				×					×
9-10		×			×			×			×				
11-12	×				×	×				×	×				

© 5-gear switch

Junction code	33013/3					36363/3					32112/3				
2-16 codes	D0/62/00/01/52					92/F3/62/F3/A1					13/22/40/80/03				
Panel lettering	2	1	0	1	2	1	2	3	4	5	1	2	3	4	5
1-2	×				×	×	×		×		×				
3-4		×					×	×	×	×		×			
5-6	×	×			×		×	×	×				×		
7-8	×					×	×		×	×				×	
9-10				×			×		×	×	×				×
11-12		×			×	×	×	×	×		×	×			×

Junction code	30101/3					32234/3					33132/3				
2-16 codes	61/00/10/00/80					E0/A0/12/23/63					91/D0/02/E0/A0				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2			×					×			×	×			
3-4	×					×	×		×	×				×	×
5-6	×					×				×		×		×	
7-8					×	×	×				×	×		×	×
9-10	×								×	×	×				
11-12								×	×	×			×		

Junction code	42222/3					43211/3					22022/4				
2-16 codes	B1/50/90/11/60					E1/E0/60/20/10					44/22/00/11/88				
Panel lettering	1	2	3	4	5	1	2	3	4	5	2	1	0	1	2
1-2	×	×	×	×						×				×	
3-4	×				×	×	×	×	×			×			
5-6		×			×	×	×	×			×				
7-8	×		×			×	×								×
9-10	×			×		×							×		
11-12												×			
13-14											×				
15-16															×

Junction code	22022A/4					23332/4					02820/4				
2-16 codes	22/88/00/11/44					C0/25/13/2A/C0					00/48/FF/C0/00				
Panel lettering	2	1	0	1	2	1	2	3	4	5	0	1	2	3	4
1-2				×				×					×		
3-4	×						×		×				×		
5-6					×	×				×		×	×	×	
7-8		×				×				×			×	×	
9-10				×			×	×					×		
11-12	×							×	×				×		
13-14					×		×						×		
15-16		×							×			×	×		

Junction code	23432/4					23432A/4					23432B/4				
2-16 codes	C0/31/1B/15/C0					C0/25/1B/25/C0					48/A2/95/A2/48				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2		×	×	×				×					×		
3-4		×					×		×			×		×	
5-6	×				×	×				×	×		×	×	×
7-8	×				×	×				×		×	×	×	
9-10		×	×	×			×	×	×				×		
11-12			×					×				×		×	
13-14				×			×		×				×		
15-16			×					×			×				×

5-gear switch

Junction code	43234/4					45034/4					24442/4				
2-16 codes	AC/A4/03/54/5C					55/5D/00/A2/AA					0C/AC/CC/5C/05				
Panel lettering	1	2	3	4	5	2	1	0	1	2	1	2	3	4	5
1-2				×	×	×	×							×	
3-4	×	×							×	×		×			
5-6				×	×	×	×						×	×	
7-8	×	×							×	×		×	×		
9-10			×			×	×								×
11-12			×						×	×					
13-14	×	×		×	×	×	×				×	×	×	×	×
15-16	×				×		×			×	×	×	×	×	

Junction code	44044/4					44044A/4					52225/4				
2-16 codes	35/95/00/6A/3A					72/4E/00/8D/81					4F/0C/30/0C/8F				
Panel lettering	2	1	0	1	2	2	1	0	1	2	1	2	3	4	5
1-2	×	×			×	×				×			×		
3-4	×			×	×	×				×			×		
5-6				×		×	×				×				
7-8		×							×	×					×
9-10	×	×							×	×	×				×
11-12				×	×	×	×				×				×
13-14	×	×					×		×		×	×		×	×
15-16				×	×		×		×		×	×		×	×

Junction code	42224/4					55055/4					55055A/4				
2-16 codes	A3/A0/0C/50/53					F1/F4/00/F8/F2					F1/F2/00/F40/F8				
Panel lettering	1	2	3	4	5	2	1	0	1	2	2	1	0	1	2
1-2				×	×	×	×		×	×	×	×		×	×
3-4	×	×				×	×		×	×	×	×		×	×
5-6				×	×	×	×		×	×	×	×		×	×
7-8	×	×				×	×		×	×	×	×		×	×
9-10	×				×	×					×				
11-12	×				×					×		×			
13-14			×				×							×	
15-16			×						×						×

Junction code	01357/4					02222/4					02468/4				
2-16 codes	00/10/70/F1/F7					00/11/22/44/88					00/30/F0/F3/FF				
Panel lettering	0	1	2	3	4	0	1	2	3	4	0	1	2	3	4
1-2		×	×	×	×		×					×	×	×	×
3-4			×	×	×			×				×	×	×	×
5-6			×	×	×				×				×	×	×
7-8				×	×					×			×	×	×
9-10				×	×		×							×	×
11-12					×			×						×	×
13-14					×				×						×
15-16										×					×

5-gear switch

Junction code	44048/4					44447/4					44312/4				
2-16 codes	6A/95/00/3C/FF					A6/96/36/B4/FB					F0/71/70/02/0C				
Panel lettering	2	1	0	1	2	1	2	3	4	5	1	2	3	4	5
1-2		x		x	x		x	x	x	x	x	x	x		
3-4	x			x	x	x		x	x	x	x	x	x		
5-6	x				x					x	x	x	x		
7-8		x			x	x	x		x	x	x				
9-10		x			x					x		x			
11-12	x				x	x	x	x		x				x	
13-14		x		x	x	x	x	x	x						x
15-16	x			x	x					x					x

Junction code	44444/4					46046/4					22222/5				
2-16 codes	0F/17/2E/4D/8B					3C/FC/00/33/F3					102/480/030/840/201				
Panel lettering	1	2	3	4	5	2	1	0	1	2	1	2	3	4	5
1-2		x				x	x		x	x	x				
3-4			x			x	x		x	x					x
5-6				x			x			x		x			
7-8					x		x			x				x	
9-10	x	x		x	x				x	x			x		
11-12	x	x	x		x				x	x			x		
13-14	x	x		x		x	x							x	
15-16	x		x	x	x	x	x					x			
17-18															x
19-20											x				

Junction code	54045/5					A404A/5					32223/5				
2-16 codes	551/AA0/000/451/AA2					FF3/AA0/000/451/FF3					540/030/240/081/A80				
Panel lettering	2	1	0	1	2	2	1	0	1	2	1	2	3	4	5
1-2	x					x				x	x				
3-4		x			x	x	x			x			x		x
5-6	x			x		x			x	x	x				
7-8		x			x	x	x			x					x
9-10	x			x		x			x	x		x			
11-12		x			x	x	x			x		x			
13-14	x			x		x			x	x	x		x		
15-16		x			x	x	x			x				x	x
17-18	x			x		x			x	x				x	
19-20					x	x				x					

Junction code	32223A/5					61055/5					61055A/5				
2-16 codes	310/C00/030/0C0/023					EA1/100/000/D50/D50					6E1/100/000/F10/F10				
Panel lettering	1	2	3	4	5	2	1	0	1	2	2	1	0	1	2
1-2	x						x		x	x		x		x	x
3-4	x					x					x			x	x
5-6		x				x			x	x	x			x	x
7-8		x				x			x	x				x	x
9-10	x		x						x	x				x	x
11-12			x		x	x					x				
13-14				x					x	x	x				
15-16				x		x					x				
17-18					x	x					x				
19-20					x										

5-gear switch

Junction code	440A4/5					62226/5					03137/5				
2-16 codes	AA0/213/000/FF3/550					553/A00/0A0/410/AA3					000/0C1/080/510/F32				
Panel lettering	2	1	0	1	2	1	2	3	4	5	0	1	2	3	4
1-2				X	X	X								X	X
3-4	X	X		X			X			X					X
5-6				X	X	X			X					X	X
7-8	X			X			X			X					X
9-10		X		X	X	X			X					X	X
11-12	X			X				X		X					X
13-14				X	X	X						X			
15-16	X			X				X		X		X	X		
17-18		X		X		X				X		X			
19-20		X		X		X				X					X

Junction code	2468A/5					12345/5					33033/5				
2-16 codes	300/F00/F30/FF0/FF3					100/600/C10/470/4D1					901/122/000/290/540				
Panel lettering	1	2	3	4	5	1	2	3	4	5	2	1	0	1	2
1-2	X	X	X	X	X	X					X	X			X
3-4	X	X	X	X	X		X							X	
5-6		X	X	X	X		X	X	X	X					X
7-8		X	X	X	X			X			X				
9-10			X	X	X			X	X	X				X	
11-12			X	X	X				X			X			
13-14				X	X				X	X					X
15-16				X	X					X				X	
17-18					X					X	X				
19-20					X							X			

Junction code	52045/5					55155/5					63044/5				
2-16 codes	6A1/140/000/B10/B12					532/932/001/6C2/5C2					7A1/340/000/B10/912				
Panel lettering	2	1	0	1	2	1	2	3	4	5	2	1	0	1	2
1-2		X		X	X	X	X			X	X	X		X	X
3-4	X			X	X				X		X	X		X	
5-6	X					X			X	X	X				
7-8				X	X		X							X	X
9-10				X	X	X	X							X	X
11-12	X					X	X				X				
13-14		X							X	X		X			
15-16	X								X	X	X				
17-18	X							X			X				
19-20					X	X	X		X	X					X

Junction code	43440/5					53123/5					56031/5				
2-16 codes	F00/310/3A0/063/000					6A1/610/100/240/842					E90/B91/000/221/040				
Panel lettering	1	2	3	4	5	1	2	3	4	5	2	1	0	1	2
1-2	X	X	X					X				X			
3-4	X	X	X			X	X		X		X	X		X	
5-6	X					X	X				X				
7-8	X									X	X	X			
9-10		X					X				X	X			
11-12			X	X		X								X	
13-14				X					X	X					X
15-16			X			X					X	X			
17-18				X		X						X		X	
19-20				X						X					

◎ **5-gear switch**

Junction code	63077/5					54544/5					66662/5				
2-16 codes	6C3/700/000/7C3/8F3					0F2/072/F01/0D2/0B2					933/633/533/A33/0C0				
Panel lettering	2	1	0	1	2	1	2	3	4	5	1	2	3	4	5
1-2		x		x				x			x		x		
3-4	x	x		x				x				x		x	
5-6	x	x		x				x				x	x		
7-8					x			x			x			x	
9-10					x	x	x		x	x	x	x	x	x	
11-12					x	x	x			x	x	x	x	x	
13-14	x			x	x	x	x		x						x
15-16	x			x	x	x			x	x					x
17-18	x			x	x			x			x	x	x	x	
19-20	x			x	x	x	x		x	x	x	x	x	x	

Junction code	84444/5					33033/6					33033A/6				
2-16 codes	FC3/330/3C0/303/C30					111/444/000/888/222					111/444/000/222/888				
Panel lettering	1	2	3	4	5	2	1	0	1	2	2	1	0	1	2
1-2	x	x	x	x		x					x				
3-4	x	x	x	x						x				x	
5-6	x				x		x					x			
7-8	x				x				x						x
9-10		x			x	x					x				
11-12		x			x					x				x	
13-14	x		x				x					x			
15-16	x		x						x						x
17-18	x			x		x					x				
19-20	x			x						x				x	
21-22							x					x			
23-24									x						x

Junction code	22422/6					41015/6					47074/6				
2-16 codes	A00/00C/0C3/030/500					192/400/000/800/265					0CC/B33/000/7C3/0CC				
Panel lettering	1	2	3	4	5	2	1	0	1	2	2	1	0	1	2
1-2					x	x						x		x	
3-4	x									x		x		x	
5-6					x		x							x	
7-8	x								x			x			
9-10				x		x						x			
11-12				x						x		x			
13-14			x							x	x			x	x
15-16			x			x					x			x	x
17-18			x							x		x		x	
19-20			x			x						x		x	
21-22		x								x	x				x
23-24		x									x				x

5-gear switch

Junction code	64246/6					71217/6					62026/6				
2-16 codes	AAA/A30/210/710/555					C5E/002/300/001/CAD					555/440/000/880/AAA				
Panel lettering	1	2	3	4	5	1	2	3	4	5	2	1	0	1	2
1-2				×	×			×			×				
3-4	×	×	×	×				×							×
5-6				×	×	×				×	×	×			
7-8	×	×				×				×				×	×
9-10		×	×	×	×	×					×				
11-12	×	×								×					×
13-14					×	×					×	×			
15-16	×									×				×	×
17-18					×				×	×	×				
19-20	×					×	×								×
21-22					×	×				×	×				
23-24	×					×				×					×

Junction code	66566/6					45054/6					65556/7				
2-16 codes	E70/B31/F02/734/DB0					710/345/000/38A/B20					A451/C250/5A20/8330/58A2				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2		×	×	×	×	×	×		×	×			×		×
3-4	×	×	×	×		×	×		×	×	×				
5-6	×		×	×	×	×						×	×		×
7-8	×	×	×		×					×	×	×		×	
9-10	×	×		×	×	×								×	
11-12	×	×		×	×					×		×	×	×	
13-14	×						×				×				
15-16					×				×				×		×
17-18		×					×				×	×		×	
19-20			×						×				×	×	×
21-22				×			×				×	×			
23-24									×						×
25-26											×				
27-28															×

Junction code	74027/7					E707E/7					08422/7				
2-16 codes	5551/A880/0000/4020/CCC2					FFF3/5551/0000/AAA2/FFF3					0000/0CF3/0330/C000/3000				
Panel lettering	2	1	0	1	2	2	1	0	1	2	0	1	2	3	4
1-2	×					×	×			×					×
3-4		×			×	×			×	×					×
5-6	×			×		×	×			×				×	
7-8		×			×	×			×	×				×	
9-10	×					×	×			×			×		
11-12					×	×			×	×			×		
13-14	×					×	×			×		×			
15-16		×			×	×			×	×		×			
17-18	×					×	×			×		×	×		
19-20				×	×	×			×	×		×	×		
21-22	×					×	×			×		×			
23-24		×			×	×			×	×		×			
25-26	×					×	×			×		×			
27-28					×	×			×	×		×			

5-gear switch

Junction code	77467/7					33333/8					33333A/8				
2-16 codes	3C13/3F20/3300/F300/C3D0					1240/2480/4801/8012/0124					1050/4201/8402/0904/20A0				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2	x	x	x	x		x					x				
3-4	x	x	x	x			x								x
5-6				x	x			x				x			
7-8				x	x				x				x		
9-10		x	x	x	x					x				x	
11-12		x	x	x	x	x						x			
13-14	x	x					x						x		
15-16	x	x						x						x	
17-18	x				x				x		x				
19-20		x								x					x
21-22					x	x					x				
23-24					x		x								x
25-26	x							x				x			
27-28	x								x				x		
29-30										x				x	
31-32															

Junction code	55055/8					44044/8					04444/8				
2-16 codes	5510/5045/0000/08AA/AA20					1111/4444/0000/8888/2222					0000/F000/0F00/00F0/000F				
Panel lettering	2	1	0	1	2	2	1	0	1	2	0	1	2	3	4
1-2	x	x				x						x			
3-4					x					x		x			
5-6	x	x					x					x			
7-8					x				x			x			
9-10	x					x							x		
11-12					x					x			x		
13-14	x						x						x		
15-16				x	x				x				x		
17-18	x					x								x	
19-20				x	x					x				x	
21-22		x					x							x	
23-24				x					x					x	
25-26		x				x									x
27-28				x						x					x
29-30		x					x								x
31-32				x					x						x

5-gear switch

Junction code	22066/8					33055/8					47047/8				
2-16 codes	3000/6000/0000/00CF/0F30					1110/2220/0000/4443/888C					80B0/4C8E/0000/2288/11CB				
Panel lettering	2	1	0	1	2	2	1	0	1	2	2	1	0	1	2
1-2	×					×									×
3-4	×	×					×							×	
5-6		×							×			×			
7-8										×	×				
9-10					×	×									×
11-12					×		×							×	
13-14					×				×			×			
15-16					×					×		×			
17-18					×	×					×				
19-20					×		×				×				
21-22				×					×						×
23-24				×						×	×	×		×	×
25-26				×					×						×
27-28				×					×			×			×
29-30				×						×		×			
31-32				×						×		×		×	×

Junction code	84267/8					86067/8					9A090/8				
2-16 codes	359A/F000/0060/F060/3A0D					359A/F060/0000/F060/3A0D					770D/739E/0000/B86E/0000				
Panel lettering	1	2	3	4	5	2	1	0	1	2	1	2	3	4	5
1-2	×	×		×	×	×	×		×	×	×	×		×	
3-4	×	×		×	×	×	×		×	×	×	×		×	
5-6		×		×			×		×		×	×			
7-8		×		×			×		×					×	
9-10	×					×					×	×			
11-12					×					×	×	×			
13-14	×					×					×				
15-16					×					×				×	
17-18	×					×						×			
19-20			×	×			×		×					×	
21-22			×	×			×		×					×	
23-24	×					×						×			
25-26					×					×	×				
27-28	×					×						×		×	
29-30					×					×	×	×		×	
31-32	×				×	×				×	×	×		×	

◎ **5-gear switch**

Junction code	55559/8					88263/8					99699/8				
2-16 codes	12A2/4825/24C2/8055/25D7					A4B5/6AA9/0140/11C3/0141					AAE5/AAE3/5518/9AE9/6AE9				
Panel lettering	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1-2	×								×				×	×	
3-4			×		×	×	×				×	×			×
5-6		×					×						×		×
7-8				×		×					×	×		×	
9-10					×			×	×	×			×		
11-12	×						×				×	×		×	×
13-14			×		×	×							×		
15-16		×					×				×	×		×	×
17-18				×	×	×							×		
19-20	×	×				×	×				×	×		×	×
21-22			×	×	×			×	×	×	×	×		×	×
23-24	×		×		×	×	×		×		×	×		×	×
25-26		×		×	×	×	×		×	×	×	×		×	×
27-28	×		×		×				×			×			
29-30		×		×	×	×					×				
31-32							×						×	×	×

6-gear switch

Junction code		011011/2						011113/2						220111/2					
2-16 codes		0/1/4/0/2/8						0/2/2/4/4/7						9/5/0/4/2/1					
Panel lettering	16B-3KD													2	1	0	1	2	3
	Others	0	1	2	3	4	5	0	1	2	3	4	5	1	2	3	4	5	6
1-2			x										x	x	x				x
3-4						x			x	x			x					x	
5-6				x							x	x	x		x		x		
7-8							x							x					

Junction code		211011/2						210112/2						1×6/3					
2-16 codes		9/4/2/0/1/2						6/2/0/4/1/5						10/40/01/02/20/80					
Panel lettering	16B-3KD							2	1	0	1	2	3						
	Others	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
1-2		x				x						x	x	x					
3-4				x			x	x	x									x	
5-6			x					x			x		x		x				
7-8		x																	x
9-10																x			
11-12																	x		

Junction code		1×6A/3						1×6B/3						1-6/3					
2-16 codes		10/40/01/20/80/02						10/20/40/80/01/02						10/30/70/F0/F1/F3					
Panel lettering		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
1-2		x						x						x	x	x	x	x	x
3-4					x				x						x	x	x	x	x
5-6			x							x						x	x	x	x
7-8						x					x					x	x	x	x
9-10				x								x					x	x	x
11-12							x						x						x

Junction code		220142/3						220142A/3						112345/3					
2-16 codes		50/50/00/20/A3/A0						30/30/00/40/C3/C0						02/10/30/70/F0/F1					
Panel lettering	16B-3KD	2	1	0	1	2	3	2	1	0	1	2	3						
	Others	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
1-2		x	x					x	x						x	x	x	x	x
3-4					x	x	x	x	x							x	x	x	x
5-6		x	x								x	x	x				x	x	x
7-8						x	x					x	x				x	x	
9-10						x						x							x
11-12						x						x		x					

Junction code		112345A/3						123246/3						201111/3					
2-16 codes		10/20/60/E0/E1/E3						10/30/70/90/B1/F3						03/00/10/20/40/80					
Panel lettering		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
1-2		x						x	x	x	x	x	x			x			
3-4			x	x	x	x	x		x	x		x	x				x		
5-6				x	x	x	x			x								x	
7-8					x	x	x				x	x	x						x
9-10						x	x					x	x	x					
11-12							x						x	x					

6-gear switch

Junction code	211222/3						421012/3						303344/3					
2-16 codes	42/20/10/A0/21/22						93/90/10/00/20/60						83/00/43/61/D2/F0					
Panel lettering	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
1-2			x				x	x	x								x	x
3-4		x		x	x	x					x	x				x		x
5-6	x											x			x	x	x	x
7-8				x			x	x					x			x	x	x
9-10					x		x						x		x	x		
11-12	x					x	x						x		x		x	

Junction code	314201/3						330132/3						123312/4					
2-16 codes	D0/20/D1/22/00/10						70/70/00/80/83/81						10/41/45/49/20/82					
Panel lettering	1	2	3	4	5	6	2	1	0	1	2	3	1	2	3	4	5	6
1-2	x		x			x	x	x					x					
3-4		x		x			x	x									x	
5-6	x		x				x	x						x	x	x		
7-8	x		x							x	x	x						x
9-10			x								x	x		x	x	x		
11-12				x							x							x
13-14															x			
15-16																x		

Junction code	221221/4						341233/4						025555/4					
2-16 codes	14/44/01/0A/28/80						15/55/01/0A/2A/A2						00/30/F1/F2/F4/F8					
Panel lettering	1	2	3	4	5	6	1	2	3	4	5	6	0	1	2	3	4	5
1-2	x				x		x	x			x	x		x	x	x	x	x
3-4		x						x						x	x	x	x	x
5-6						x						x			x	x	x	x
7-8			x				x	x	x						x			
9-10				x						x	x	x				x		
11-12	x	x					x	x									x	
13-14				x	x					x	x							x
15-16																		

Junction code	301432/4						430111/4						311125/4					
2-16 codes	07/00/10/F0/70/30						87/70/00/10/20/20						A4/20/08/10/50/57					
Panel lettering	1	2	3	4	5	6	2	1	0	1	2	3	1	2	3	4	5	6
1-2			x	x	x	x		x		x						x	x	x
3-4				x	x	x		x			x	x	x	x				
5-6				x	x			x									x	x
7-8				x			x						x					
9-10	x						x											x
11-12	x						x											x
13-14	x						x						x					x
15-16															x			

6-gear switch

Junction code	321112/4						102222/5						232578/5					
2-16 codes	83/90/10/04/20/60						001/000/880/440/220/110						240/2C0/900/0D3/DD1/DF1					
Panel lettering	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
1-2		×	×									×			×		×	×
3-4					×	×					×		×	×				
5-6						×				×							×	×
7-8	×	×							×						×		×	×
9-10	×											×				×	×	×
11-12	×										×							×
13-14				×						×			×	×		×	×	×
15-16									×					×		×	×	×
17-18							×									×	×	×
19-20																×		

Junction code	403544/5						222233/5						555555/5					
2-16 codes	072/000/881/781/681/A81						801/011/0A0/0C0/302/502						0E3/1C3/383/703/F02/F10					
Panel lettering	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
1-2				×							×	×		×	×	×	×	×
3-4				×	×	×					×				×	×	×	×
5-6				×	×							×				×	×	×
7-8			×			×	×										×	×
9-10	×							×										×
11-12	×								×				×					
13-14	×									×			×	×				
15-16			×	×	×	×			×	×			×	×	×			
17-18			×	×	×	×	×	×					×	×	×	×		
19-20	×										×	×	×	×	×	×	×	

Junction code	2×6/6						555555/7						06080A/8					
2-16 codes	500/050/005/00A/A00/0A0						9340/A580/C901/1270/24B0/4831						0000/5550/0000/A653/0000/AAAF					
Panel lettering	1	2	3	4	5	6	1	2	3	4	5	6	0	1	2	3	4	5
1-2	×						×			×				×				
3-4					×			×			×					×		×
5-6	×								×			×		×				
7-8					×		×	×	×							×		×
9-10		×					×	×	×					×				
11-12						×	×			×						×		×
13-14		×						×			×			×		×		
15-16						×			×			×						×
17-18			×							×	×	×		×		×		
19-20				×						×	×	×						×
21-22			×				×			×				×		×		
23-24				×				×			×							×
25-26									×			×				×		×
27-28																×		×
29-30																		×
31-32																		×

7-gear switch

Junction code	3220223/2							3221223/3							3222223/3						
2-16 codes	E/6/A/0/5/9/D							43/41/60/10/A0/81/83							43/41/60/30/A0/81/83						
Panel lettering	3	2	1	0	1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7
1-2					x	x	x				x							x			
3-4	x	x	x							x		x					x	x	x		
5-6	x	x			x		x	x	x						x	x					
7-8	x		x			x	x					x	x	x					x	x	x
9-10								x	x				x	x	x	x				x	x
11-12								x						x	x						x

Junction code	1110111/3							3233333/3							3233333A/3						
2-16 codes	20/01/80/00/40/02/10							23/60/92/51/D0/61/13							A2/82/62/A1/91/61/51						
Panel lettering	3	2	1	0	1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7
1-2							x			x	x	x		x					x		x
3-4	x							x	x				x		x		x	x		x	
5-6					x				x		x	x	x				x			x	x
7-8			x							x		x			x	x		x	x		
9-10		x						x			x		x	x				x	x	x	x
11-12						x		x		x				x	x	x					

Junction code	2223222/3							1x7/4							1x7A/4						
2-16 codes	11/90/50/C1/60/A0/21							10/40/01/04/20/80/02							10/40/01/80/02/04/20						
Panel lettering	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
1-2	x	x	x					x							x						
3-4					x	x	x					x									x
5-6			x	x	x				x							x					
7-8		x		x		x							x				x				
9-10	x			x			x			x							x				
11-12													x						x		
13-14											x									x	
15-16																					

Junction code	1112111/4							2224222/4							2224222A/4						
2-16 codes	01/40/10/0C/02/80/20							41/05/14/F0/82/0A/28							41/60/30/95/0C/0A/82						
Panel lettering	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
1-2			x							x	x						x	x			
3-4							x				x			x		x	x				
5-6		x						x			x				x	x					
7-8						x					x	x					x				x
9-10	x							x	x						x			x			
11-12					x							x	x							x	x
13-14				x					x	x								x	x		
15-16				x									x	x					x	x	

Junction code	4646464/4							4646464A/4							3330333/4						
2-16 codes	9C/DD/C9/ED/6C/EE/C6							1B/7B/6A/EB/A9/AF/27							70/31/34/00/B0/32/38						
Panel lettering	1	2	3	4	5	6	7	1	2	3	4	5	6	7	3	2	1	0	1	2	3
1-2	x	x						x	x						x	x	x		x	x	x
3-4				x	x	x			x	x	x	x	x	x	x	x	x		x	x	x
5-6		x	x	x	x	x	x		x	x	x				x						
7-8	x	x	x	x			x				x	x	x					x			
9-10		x	x	x				x	x		x	x	x	x		x					
11-12						x	x	x	x	x			x	x					x		
13-14	x	x		x	x	x	x						x	x			x				
15-16	x	x	x	x	x	x		x	x	x	x	x	x								x

7-gear switch

Junction code	3330333A/4							1111120/4							0450340/4						
2-16 codes	70/31/32/00/24/38/B0							10/40/80/01/02/0C/00							00/55/5D/00/A2/AA/00						
Panel lettering	3	2	1	0	1	2	3	1	2	3	4	5	6	7	0	1	2	3	4	5	6
1-2	x	x	x		x	x	x	x								x	x				
3-4	x	x	x		x	x	x											x	x		
5-6	x								x							x	x				
7-8							x			x								x	x		
9-10		x									x					x	x				
11-12			x									x						x	x		
13-14					x								x			x	x				
15-16						x							x				x			x	

Junction code	2330332/4							5431345/4							2342432/4						
2-16 codes	41/15/64/00/A8/1A/82							AE/A6/A2/01/52/56/5E							A0/A4/AC/03/5C/54/50						
Panel lettering	3	2	1	0	1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7
1-2		x				x						x	x	x					x	x	x
3-4			x		x			x	x	x					x	x	x				
5-6	x		x									x	x	x					x	x	x
7-8					x		x	x	x	x					x	x	x				
9-10	x	x									x							x			
11-12						x	x	x	x	x		x	x	x				x			
13-14		x	x					x	x				x	x		x	x		x	x	
15-16					x	x		x						x			x		x		

Junction code	3212123/4							2220232/5							3533353/5						
2-16 codes	A2/A0/20/0C/10/50/51							210/A00/840/000/480/501/120							C20/4E2/0A1/700/091/4D2/C10						
Panel lettering	1	2	3	4	5	6	7	3	2	1	0	1	2	3	1	2	3	4	5	6	7
1-2					x	x	x						x	x				x			
3-4	x	x	x					x	x									x			
5-6						x	x					x	x		x	x		x		x	x
7-8	x	x							x	x					x						x
9-10							x	x											x	x	x
11-12	x													x	x	x					
13-14				x						x						x				x	
15-16				x								x				x	x		x	x	
17-18													x				x		x		
19-20																x				x	

Junction code	4332334/5							6544446/5							8420248/5						
2-16 codes	8C2/842/812/300/411/441/4C1							8E3/8E2/A60/B10/650/4D0/4D3							5F3/530/500/000/A00/A30/AF3						
Panel lettering	1	2	3	4	5	6	7	1	2	3	4	5	6	7	3	2	1	0	1	2	3
1-2				x							x				x	x	x				
3-4				x						x	x	x							x	x	x
5-6					x	x	x					x	x	x	x	x	x				
7-8	x	x	x					x	x	x	x								x	x	x
9-10			x		x						x	x	x	x	x	x				x	x
11-12								x	x	x					x	x				x	x
13-14	x	x				x	x	x	x	x		x	x	x	x						x
15-16	x						x	x	x				x	x	x						x
17-18					x	x	x	x						x	x						x
19-20	x	x	x					x	x					x	x						x

8-gear switch

Junction code	01×7/4							
2-16 codes	00/10/40/01/04/20/80/02							
Panel lettering	0	1	2	3	4	5	6	7
1-2		×						
3-4						×		
5-6			×					
7-8							×	
9-10				×				
11-12								×
13-14					×			
15-16								

Junction code	01×7A/4							
2-16 codes	00/10/40/01/80/02/04/20							
Panel lettering	0	1	2	3	4	5	6	7
1-2		×						
3-4								×
5-6			×					
7-8					×			
9-10				×				
11-12						×		
13-14							×	
15-16								

Junction code	1×8/4							
2-16 codes	10/40/01/04/20/80/02/08							
Panel lettering	1	2	3	4	5	6	7	8
1-2	×							
3-4					×			
5-6		×						
7-8						×		
9-10			×					
11-12							×	
13-14				×				
15-16								×

Junction code	1×8A/4							
2-16 codes	10/40/01/04/02/08/20/80							
Panel lettering	1	2	3	4	5	6	7	8
1-2	×							
3-4							×	
5-6		×						
7-8								×
9-10			×					
11-12					×			
13-14				×				
15-16						×		

Junction code	11121111/5							
2-16 codes	100/400/010/041/020/080/200/800							
Panel lettering	1	2	3	4	5	6	7	8
1-2	×							
3-4							×	
5-6		×						
7-8								×
9-10			×					
11-12					×			
13-14				×				
15-16						×		
17-18				×				
19-20								

9-gear switch

Junction code	01×8/4								
2-16 codes	00/10/40/01/04/02/08/20/80								
Panel lettering	0	1	2	3	4	5	6	7	8
1-2		×							
3-4								×	
5-6			×						
7-8									×
9-10				×					
11-12						×			
13-14					×				
15-16							×		

Junction code	1×9/5								
2-16 codes	100/400/010/040/001/080/200/800/020								
Panel lettering	1	2	3	4	5	6	7	8	9
1-2	×								
3-4							×		
5-6		×							
7-8								×	
9-10			×						
11-12									×
13-14				×					
15-16						×			
17-18					×				
19-20									

10-gear switch

Junction code	1×A/5									
2-16 codes	100/400/010/040/001/002/200/800/020/080									
Panel lettering	1	2	3	4	5	6	7	8	9	10
1-2	×									
3-4							×			
5-6		×								
7-8								×		
9-10			×							
11-12									×	
13-14				×						
15-16										×
17-18					×					
19-20						×				

11-gear switch

Junction code	1 × B/6										
2-16 codes	100/400/010/040/001/004/200/800/020/080/002										
Panel lettering	1	2	3	4	5	6	7	8	9	10	11
1-2	×										
3-4							×				
5-6		×									
7-8								×			
9-10			×								
11-12									×		
13-14				×							
15-16										×	
17-18					×						
19-20											×
21-22						×					

12-gear switch

Junction code	1 × C/6											
2-16 codes	100/400/0100/0400/001/004/200/800/020/080/002/008											
Panel lettering	1	2	3	4	5	6	7	8	9	10	11	12
1-2	×											
3-4							×					
5-6		×										
7-8								×				
9-10			×									
11-12									×			
13-14				×								
15-16										×		
17-18					×							
19-20											×	
21-22						×						
23-24												×

Blank junction schedule

Customer Name: _____

Contact Person: _____

Contact information Tel No.: _____

Fax No.: _____

Description of Basic Parameters of Cam switch:

Conventional Thermal Current: _____ A

Function and Order Code Selection: _____

Handle Selection: _____ (Fill the code)

Panel Symbol														
Handle Direction														
Contact Number and Break/ Close Status	1 ○—○—○ 2													
	3 ○—○—○ 4													
	5 ○—○—○ 6													
	7 ○—○—○ 8													
	9 ○—○—○ 10													
	11 ○—○—○ 12													
	13 ○—○—○ 14													
	15 ○—○—○ 16													
	17 ○—○—○ 18													
	19 ○—○—○ 20													
	21 ○—○—○ 22													
	23 ○—○—○ 24													
	25 ○—○—○ 26													
	27 ○—○—○ 28													
	29 ○—○—○ 30													
	31 ○—○—○ 32													
	33 ○—○—○ 34													
	35 ○—○—○ 36													
	37 ○—○—○ 38													
	39 ○—○—○ 40													
	41 ○—○—○ 42													
	43 ○—○—○ 44													
	45 ○—○—○ 46													
	47 ○—○—○ 48													

Order code of cam switch (filled by the manufacturer): _____

Main Functional Order Codes of LW39 Cam Switch

LW39-16A series



Normal type LW39-16A

LW39-16A series



Handle with key type LW39-16AYS

LW39-16A series



Panel with key type LW39-6AYM

LW39-16A series



Panel with light type LW39-16ADM

LW39-16A series



Type with signage LW39-16AP

LW39-16B series



Normal type LW39-16B

LW39-16B series



Base-mounted type LW39-16BM

LW39-16B series



Pull-out spring return type LW39-16BZL

LW39-16B series



Type with signage LW39-16BP

LW39-16C series



Normal type LW39-16C

LW39-16C series



Handle with key type LW39-16CYS

LW39-16C series



Single-hole installation without panel type LW39-16CU

LW39-25 series



Normal type LW39-25

LW39-25 series



Handle with key type LW39-25YS

LW39-25 series



Panel with key type LW39-25YM

LW39-25 series



Panel with light type LW39-25DM

LW39-25 series



Type with signage LW39-25P

LW39-25 series



Base-mounted type LW39-25M

LW39-63 series



Normal type LW39-63

LW39-63 series



Handle with key type LW39-63YS

LW39-63 series



Panel with light type LW39-63DM

LW39-63 series



Type with signage LW39-63P

LW39-10 series



Normal type LW39-10