

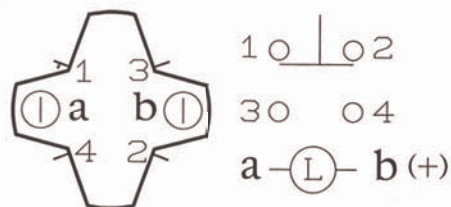
SOLDERING TYPE ILLUMINATED SWITCHES & PUSHBUTTON SWITCHES

Round

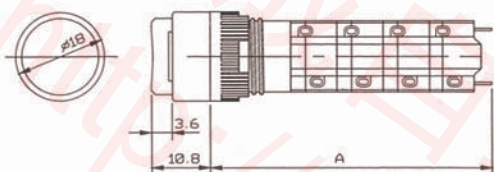


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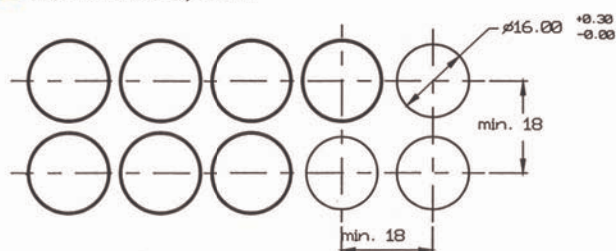
Bottom view



Mounting dimensions, mm



Dimensions, mm

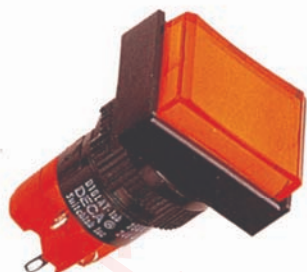


Description	Type	Contact block diagram (button not depressed)	Mounting length (A)	Case colour
Illuminated or non-illuminated pushbutton, 1 pole momentary action	SPST		29 mm	black red
Illuminated or non-illuminated pushbutton, 2 pole momentary action	DPST		36.5 mm	black red
Illuminated or non-illuminated pushbutton, 3 pole momentary action	3PST		44 mm	black red
Illuminated or non-illuminated pushbutton, 4 pole momentary action	4PST		51.5 mm	black red
Illuminated or non-illuminated pushbutton, 1 pole alternate action	SPST		29 mm	black red
Illuminated or non-illuminated pushbutton, 2 pole alternate action	DPST		36.5 mm	black red
Illuminated or non-illuminated pushbutton, 3 pole alternate action	3PST		44 mm	black red
Illuminated or non-illuminated pushbutton, 4 pole alternate action	4PST		51.5 mm	black red

NOTES: As usual, silver contactors are commonly used. However, if it is used for small signal, we wish to recommend the use of gold plated contactors for which you are most welcome to contact with us for detailed specifications

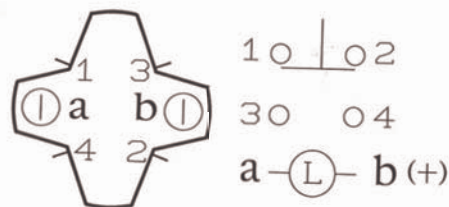
SOLDERING TYPE ILLUMINATED SWITCHES & PUSHBUTTON SWITCHES

Rectangular

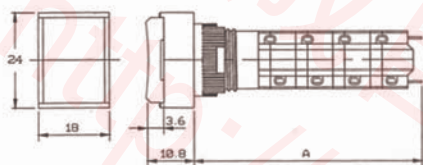


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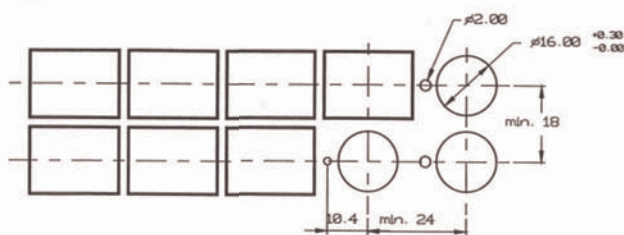
Bottom view



Mounting dimensions, mm



Dimensions, mm

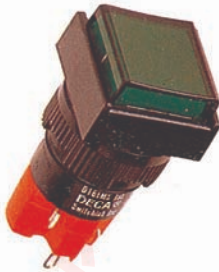


Description	Type	Contact block diagram (button not depressed)	Mounting length (A)	Case colour
Illuminated or non-illuminated pushbutton, 1 pole momentary action	SPST		29 mm	black red
Illuminated or non-illuminated pushbutton, 2 pole momentary action	DPST		36.5 mm	black red
Illuminated or non-illuminated pushbutton, 3 pole momentary action	3PST		44 mm	black red
Illuminated or non-illuminated pushbutton, 4 pole momentary action	4PST		51.5 mm	black red
Illuminated or non-illuminated pushbutton, 1 pole alternate action	SPST		29 mm	black red
Illuminated or non-illuminated pushbutton, 2 pole alternate action	DPST		36.5 mm	black red
Illuminated or non-illuminated pushbutton, 3 pole alternate action	3PST		44 mm	black red
Illuminated or non-illuminated pushbutton, 4 pole alternate action	4PST		51.5 mm	black red

NOTES: As usual, silver contactors are commonly used. However, if it is used for small signal, we wish to recommend the use of gold plated contactors for which you are most welcome to contact with us for detailed specifications

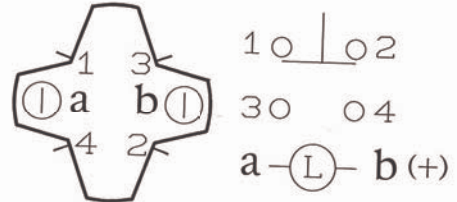
SOLDERING TYPE ILLUMINATED SWITCHES & PUSHBUTTON SWITCHES

Square

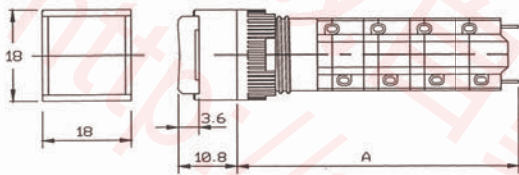


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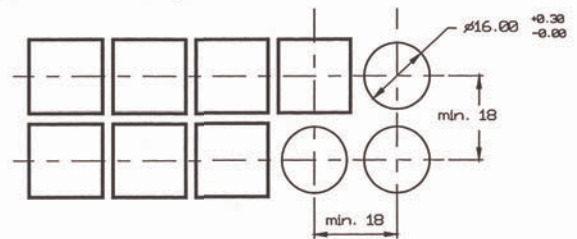
Bottom view



Mounting dimensions, mm



Dimensions, mm



Description	Type	Contact block diagram (button not depressed)	Mounting length (A)	Case colour
Illuminated or non-illuminated pushbutton, 1 pole momentary action	SPST		29 mm	black red
Illuminated or non-illuminated pushbutton, 2 pole momentary action	DPST		36.5 mm	black red
Illuminated or non-illuminated pushbutton, 3 pole momentary action	3PST		44 mm	black red
Illuminated or non-illuminated pushbutton, 4 pole momentary action	4PST		51.5 mm	black red
Illuminated or non-illuminated pushbutton, 1 pole alternate action	SPST		29 mm	black red
Illuminated or non-illuminated pushbutton, 2 pole alternate action	DPST		36.5 mm	black red
Illuminated or non-illuminated pushbutton, 3 pole alternate action	3PST		44 mm	black red
Illuminated or non-illuminated pushbutton, 4 pole alternate action	4PST		51.5 mm	black red

NOTES: As usual, silver contactors are commonly used. However, if it is used for small signal, we wish to recommend the use of gold plated contactors for which you are most welcome to contact with us for detailed specifications

SOLDERING TYPE PUSHBUTTON SWITCHES & INDICATORS ORDER INFORMATION

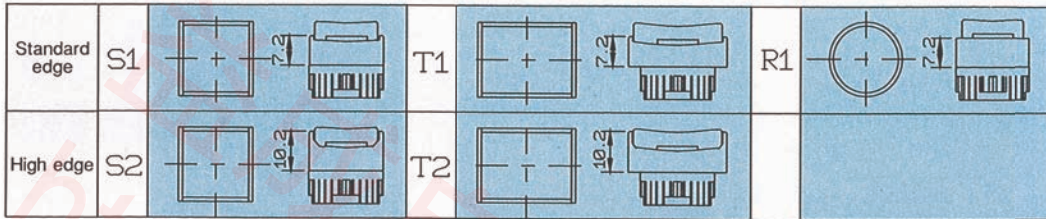
Order no : **D16** -

φ 16 mm basic type: _____

Functions : _____

- LA : Soldering type pushbutton switches with alternate action
- LM : Soldering type pushbutton switches with momentary action
- PL : Pilot indicator

Pushbutton Head : _____



Contact Arrange : _____

- 000 : Non contact
- 1ab : 1 NO + 1 NC
- 2ab : 2 NO + 2 NC
- 3ab : 3 NO + 3 NC
- 4ab : 4 NO + 4 NC

Lamp and Voltage : _____

- 0 : Without lamp
- A : Incandescent 6 V AC/DC 200 mA
- B : Incandescent 14 V AC/DC 80 mA
- C : Incandescent 28 V AC/DC 40 mA
- F : Neon 110 V AC green / red
- G : Neon 220 V AC green / red
- H : LED 6 V DC green / yellow / red
- J : LED 12 V DC green / yellow / red
- K : LED 24 V DC green / yellow / red

Special type :

- M : Incandescent 6 V AC/DC 40 mA
- N : Incandescent 14 V AC/DC 40 mA
- L : Incandescent 33 V AC/DC 35 mA
- D : Incandescent 48 V AC/DC 25 mA
- E : Incandescent 60 V AC/DC 20 mA

Color Lens : _____

- B : Blue G : Green O : Orange
- R : Red W : White Y : Yellow

Order Example :

If you want to order a round head illuminated pushbutton switch with a yellow color lens 60V DC 20 mA incandescent lamp, 3NO + 3NC contacts, alternate action

It's order # as : D16LAR1-3abEY

If you want to order a rectangular head pushbutton switch with high edge, non-illuminated and red color lens, 2NO + 2NC contacts momentary action

It's order # as : D16LMT2-2abOR

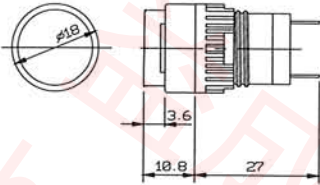
If you want to order a square head pilot indicator with standard edge, blue color lens, 28V DC 40mA incandescent lamp.

It's order # as : D16PLS1-000CB

ROUND HEAD PILOT INDICATORS

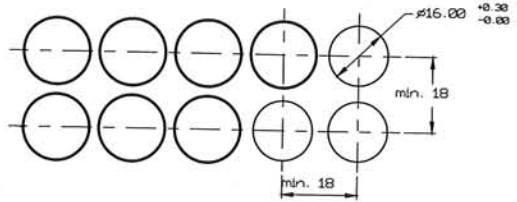
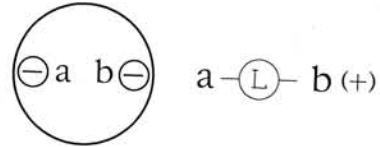


■ Mounting dimensions mm



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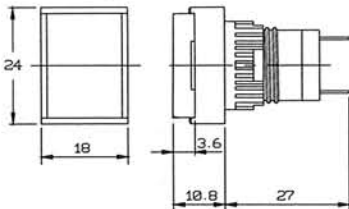
■ Bottom view



RECTANGULAR HEAD PILOT INDICATORS

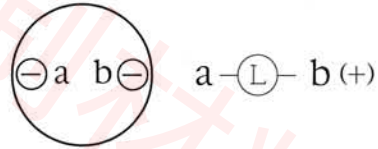


■ Mounting dimensions, mm

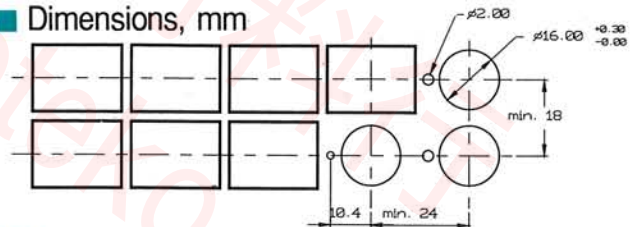


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 Ordering information see page 7

■ Bottom view



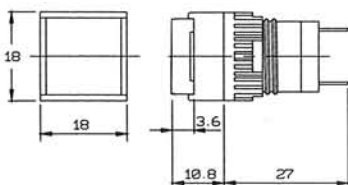
■ Dimensions, mm



SQUARE HEAD PILOT INDICATORS

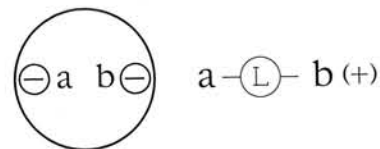


■ Mounting dimensions, mm

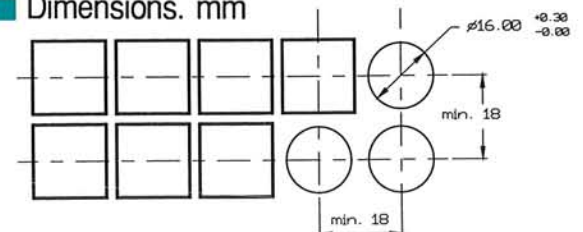


Accessories see page 13~14
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■ Bottom view



■ Dimensions, mm



SOLDERING TYPE PUSHBUTTON SWITCHES & INDICATORS ORDER INFORMATION

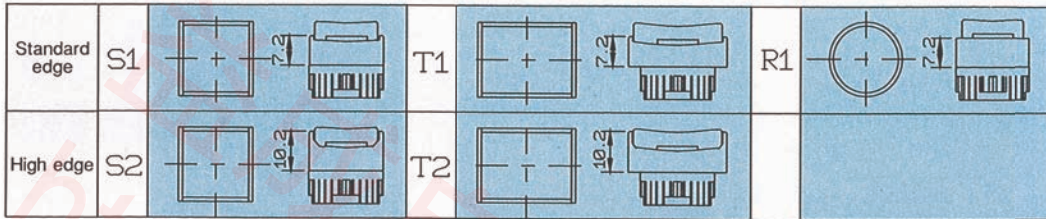
Order no : **D16** —

φ 16 mm basic type: _____

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- LA : Soldering type pushbutton switches with alternate action
- LM : Soldering type pushbutton switches with momentary action
- PL : Pilot indicator

Pushbutton Head : _____



Contact Arrange : _____

- 000 : Non contact
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- 2ab : 2 NO + 2 NC
- 3ab : 3 NO + 3 NC
- 4ab : 4 NO + 4 NC

Lamp and Voltage : _____

- 0 : Without lamp
- A : Incandescent 6 V AC/DC 200 mA
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- C : Incandescent 28 V AC/DC 40 mA
- F : Neon 110 V AC green / red
- G : Neon 220 V AC green / red
- H : LED 6 V DC green / yellow / red
- J : LED 12 V DC green / yellow / red
- K : LED 24 V DC green / yellow / red

Special type :

- M : Incandescent 6 V AC/DC 40 mA
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- L : Incandescent 33 V AC/DC 35 mA
- D : Incandescent 48 V AC/DC 25 mA
- E : Incandescent 60 V AC/DC 20 mA

Color Lens : _____

- B : Blue G : Green O : Orange
- R : Red W : White Y : Yellow

Order Example :

If you want to order a round head illuminated pushbutton switch with a yellow color lens 60V DC 20 mA incandescent lamp, 3NO + 3NC contacts, alternate action

It's order # as : D16LAR1-3abEY

If you want to order a rectangular head pushbutton switch with high edge, non-illuminated and red color lens, 2NO + 2NC contacts momentary action





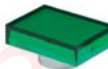
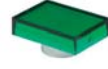
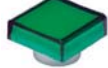





It's order # as : D16LMT2-2abOR

If you want to order a square head pilot indicator with standard edge, blue color lens, 28V DC 40mA incandescent lamp.

It's order # as : D16PLS1-000CB

ACCESSORIES

Accessories

Category	Shape	Color	Parts No	Illustration	Category	Shape	Color	Parts No	Illustration
ADA16 Rectangular Lens	Standard (Concave)	blue	60-002-01		ADA16 Rectangular Lens (For Neon Lamp)	Standard (Concave)	blue	60-002-011	
		green	60-002-02				green	60-002-021	
		orange	60-002-03				orange	60-002-031	
		red	60-002-04				red	60-002-041	
		white	60-002-05				white	60-002-051	
		yellow	60-002-06				yellow	60-002-061	
	Full Cover (Flat)	blue	60-002-21			Full Cover (Flat)	blue	60-002-211	
		green	60-002-22				green	60-002-221	
		orange	60-002-23				orange	60-002-231	
		red	60-002-24				red	60-002-241	
		white	60-002-25				white	60-002-251	
		yellow	60-002-26				yellow	60-002-261	
	Indicator (Flat)	blue	60-002-11			Indicator (Flat)	blue	60-002-111	
		green	60-002-12				green	60-002-121	
		orange	60-002-13				orange	60-002-131	
		red	60-002-14				red	60-002-141	
		white	60-002-15				white	60-002-151	
		yellow	60-002-16				yellow	60-002-161	
ADA16 Square Lens	Standard (Concave)	blue	60-003-01		ADA16 Square Lens (For Neon Lamp)	Standard (Concave)	blue	60-003-011	
		green	60-003-02				green	60-003-021	
		orange	60-003-03				orange	60-003-031	
		red	60-003-04				red	60-003-041	
		white	60-003-05				white	60-003-051	
		yellow	60-003-06				yellow	60-003-061	
	Full Cover (Flat)	blue	60-003-21			Full Cover (Flat)	blue	60-003-211	
		green	60-003-22				green	60-003-221	
		orange	60-003-23				orange	60-003-231	
		red	60-003-24				red	60-003-241	
		white	60-003-25				white	60-003-251	
		yellow	60-003-26				yellow	60-003-261	
	Indicator (Flat)	blue	60-003-11			Indicator (Flat)	blue	60-003-111	
		green	60-003-12				green	60-003-121	
		orange	60-003-13				orange	60-003-131	
		red	60-003-14				red	60-003-141	
		white	60-003-15				white	60-003-151	
		yellow	60-003-16				yellow	60-003-161	

ACCESSORIES

Accessories

Category	Shape	Color	Parts No	Illustration	Category	Shape	Color	Parts No	Illustration		
ADA16 Round Lens	Standard (Concave)	blue	60-001-01		ADA16 Round Lens (For Neon Lamp)	Standard (Concave)	blue	60-001-011			
		green	60-001-02				green	60-001-021			
		orange	60-001-03				orange	60-001-031			
		red	60-001-04				red	60-001-041			
		white	60-001-05				white	60-001-051			
		yellow	60-001-06				yellow	60-001-061			
	Indicator (Flat)	blue	60-001-11			Indicator (Flat)	blue	60-001-111			
		green	60-001-12				green	60-001-121			
		orange	60-001-13				orange	60-001-131			
		red	60-001-14				red	60-001-141			
		white	60-001-15				white	60-001-151			
		yellow	60-001-16				yellow	60-001-161			
ADA16 □ 24 Lens	Full Edged Protection (Flat)	blue	60-017-11		ADA16 □ 24 Lens (For Neon Lamp)	Full Edged Protection (Flat)	blue	60-017-111			
		green	60-017-12				green	60-017-121			
		orange	60-017-13				orange	60-017-131			
		red	60-017-14				red	60-017-141			
		white	60-017-15				white	60-017-151			
		yellow	60-017-16				yellow	60-017-161			
ADA16C/ ADD16C/ ADP16C Lever	Standard	blue	60-016-11			Lamps	Incandescent (AC/AD)	6V 40mA	50-004-01		
		green	60-016-12					6V 200mA	50-004-02		
		red	60-016-14					14V 40mA	50-004-03		
			white					60-016-15	14V 80mA		50-004-04
								60-016-16	28V 40mA		50-004-05
		For Rectangular /Square Type	black					60-016-17			48V 25mA
			blue		60-016-21			60V 20mA			50-004-07
	green			60-016-22	33V 35mA			50-004-08			
				60-016-24	110V green		50-004-11				
	red		60-016-24	110V red	50-004-12						
			white	60-016-25	220V green		50-004-13				
	yellow			60-016-26	220V red		50-004-14				
		black	60-016-27		LED (DC)		6V green	50-004-16			
	green		60-016-22				6V red	50-004-17			
red		60-016-24	6V yellow	50-004-18							
	white	60-016-25	12V green	50-004-19							
yellow		60-016-26	12V red	50-004-20							
	black	60-016-27	12V yellow	50-004-21							
				24V green		50-004-22					
			24V red	50-004-23							
			24V yellow	50-004-24							

ACCESSORIES







Accessories

Category	Description	Parts No	Illustration	Category	Description	Parts No	Illustration	
ADA16K ADD16K ADP16K Spare Key	Standard	60-024-01		ADA16E Yellow Legend Plate	Emergency stop Identity plate In English	60-025-01		
	Custom	NO. 002			60-024-02	Emergency stop Identity plate In German	60-025-02	
		NO. 003			60-024-03			
		NO. 004			60-024-04			
		NO. 005			60-024-05			
		NO. 006			60-024-06			
ADA16 PCB Socket Mounting	Socket insert into PCB board is available for socket type	60-015-01		Flange Type Front Bezel	Square 24 X 24	60-018-07		
ADD16/ADP16 PCB Socket Mounting	Socket insert into PCB board is available for socket type	50-015-01		ADP16C Flush Mounted Type Square Bezel	Panel thickness 0.5-5mm	60-028-07		
Lamp Extractor	Removing lamp tool	50-016		ADA16S Flush Mounted Type Rectangular Bezel	Panel thickness 0.5-5mm	60-022-07		
Blanking Plate Block	PVC stopper to stuff the superfluous hole of the panel board	50-013-01			Panel thickness 3-7mm	60-022-17		
Connector	Insulation Socket 2.8X0.5mm	50-014-01			Panel thickness 6-10mm	60-022-27		
Mounting rench	Use this for tightening the switch in the mounting hole	50-006-01			Panel thickness 0.5-5mm	60-023-07		
Mounting rench	Use this for tightening the switch in the mounting hole	BS04-022		ADA16S Flush Mounted Type Square Bezel	Panel thickness 3-7mm	60-023-17		
Lens Removing	Use this for replaced the fitting color lens	50-007-01		Panel thickness 6-10mm	60-023-27			
ADP16 Isolation Cover	Protective Cover	BS05-004		ADA16S Flush Mounted Type Round Bezel	Panel thickness 0.5-5mm	60-021-07		
Fixing Nut	Fixing housing on panel	BS04-018			Panel thickness 3-10mm	60-021-17		
Lamp Fixing	Fixing lamp tool	60-026-01						

Accessories

Category	Description	Parts no	Parts no	Illustration	
Colour Lens (Acrylic resin)	Round	CONCAVE	<input type="checkbox"/> blue <input type="checkbox"/> green <input type="checkbox"/> orange <input type="checkbox"/> red <input type="checkbox"/> white <input type="checkbox"/> yellow	50-001-01 50-001-02 50-001-03 50-001-04 50-001-05 50-001-06	
	Rectangular	CONCAVE	<input type="checkbox"/> blue <input type="checkbox"/> green <input type="checkbox"/> orange <input type="checkbox"/> red <input type="checkbox"/> white <input type="checkbox"/> yellow	50-002-01 50-002-02 50-002-03 50-002-04 50-002-05 50-002-06	
	Square	CONCAVE	<input type="checkbox"/> blue <input type="checkbox"/> green <input type="checkbox"/> orange <input type="checkbox"/> red <input type="checkbox"/> white <input type="checkbox"/> yellow	50-003-01 50-003-02 50-003-03 50-003-04 50-003-05 50-003-06	
	Mushroom head	Opaque	<input type="checkbox"/> green <input type="checkbox"/> red	50-012-01 50-012-02	
	Round	Flat	<input type="checkbox"/> blue <input type="checkbox"/> green <input type="checkbox"/> orange <input type="checkbox"/> red <input type="checkbox"/> white <input type="checkbox"/> yellow	50-001-11 50-001-12 50-001-13 50-001-14 50-001-15 50-001-16	
	Rectangular	Flat	<input type="checkbox"/> blue <input type="checkbox"/> green <input type="checkbox"/> orange <input type="checkbox"/> red <input type="checkbox"/> white <input type="checkbox"/> yellow	50-002-11 50-002-12 50-002-13 50-002-14 50-002-15 50-002-16	
	Square	Flat	<input type="checkbox"/> blue <input type="checkbox"/> green <input type="checkbox"/> orange <input type="checkbox"/> red <input type="checkbox"/> white <input type="checkbox"/> yellow	50-003-11 50-003-12 50-003-13 50-003-14 50-003-15 50-003-16	
	Mushroom head	Transparent	<input type="checkbox"/> green <input type="checkbox"/> red	50-012-11 50-012-12	
Lamp	Incandescent	6 V AC/DC	200 mA	50-004-02	
		14 V AC/DC	80 mA	50-004-04	
		28 V AC/DC	40 mA	50-004-05	
		48 V AC/DC	25 mA	50-004-06	
		60 V AC/DC	20 mA	50-004-07	
		33 V AC/DC	35 mA	50-004-08	
		14 V AC/DC	40 mA	50-004-03	
		6 V AC/DC	40 mA	50-004-01	
	Neon	110 V AC	green	50-004-11	
220 V AC		red	50-004-12		
LED	6 V DC	green	50-004-16		
		red	50-004-17		
		yellow	50-004-18		
	12 V DC	green	50-004-19		
		red	50-004-20		
	24 V DC	yellow	50-004-21		
green		50-004-22			
		red	50-004-23		
		yellow	50-004-24		

Accessories

Category	Description	Parts No	Illustration
Lamp Extractor	Removing lamp tool	50-005-01	
Blanking Plate Block	PVC stopper to stuff the superfluous hole of the panel board	50-013-01	
Connector	Insulation Socket 2.8 × 0.5 mm	50-014-01	
PCB Socket Mounting	Socket insert into PCB board is available for socket type pushbutton switch installation	50-015-01	
Mounting Wrench	Use this for tightening the switch in the mounting hole	50-006-01	
Lens Removing	Use this for replaced the fitting color lens	50-007-01	
Spray Cover	Meets requirement of IP65, two pieces of transparent plastic, rectangular head	50-010-01	
Protection Cap	To avoid faulty operation, housing for locking, transparent For square head (90 °) For square head (180 °) For rectangular head (90 °) For rectangular head (180 °)	50-011-01 50-011-11 50-011-02 50-011-12	