TEKNIC ...

Control and Signaling Devices Ø 22.5 Metal Clip on Series



- Mus TEKNIC[®] C € BA95 4LHB LED & 240VAC 1EC60947-5-1 3419

Salient features

This range of Ø22.5 Metallic Clip on series pushbuttons, selector switches, illuminated switches and pilot lights in engineering plastic construction have been designed to provide the following salient features: Protection against electrical Robust in materials of construction

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- Economy of space
- Safe in operation

Aesthetically elegant

Simple to fix-screw driver is all that is required

shock

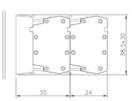
- Shrouded terminals
- Fixing method unaffected by excessive . vibration unit does not rotate
 - Resistant to corrosion
- Larger operating surface than Ø30.5 series
- Very good flame resistance

Actuators

The circular actuators have metallic bezels and are functionally interchangeable on the different types of contact elements.

Contact elements

The contact elements have double break contacts. The elements are interchangeable and can be stacked without additional hardware. 1 to 6 elements (NO or NC) can be used with non illuminated actuators, whereas 1 t o4 elements (NO or NC) can be used for illuminated actuators. Gold plated NO and NC contact elements for low voltage, low current switching circuits < 25mA are available



Illuminated pushbuttons and pilot lights

Pilot lights and illuminated switches are suitable for direct connection using bayonet cap led bulb type BA9S as follows:

Supply voltage for direct connection without series resistor......6V-240V Bulb.....led type Ba9S with OAL max 28mm

Terminals

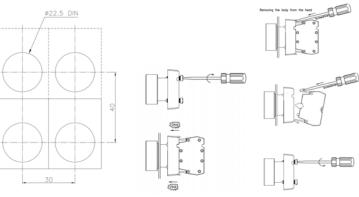
Contact elements and pilot lights are designed to have shrouded terminals with combi screws

Fixing

The Ø22.5 4P metallic Clip on series control devices can be fixed in any position on panels of 1 to 5 mm thickness.

We recommend minimum fixing centres of 30mm X 40mm. However, the dimensions and configuration should be decided on the basis of the application.

The actuators, pilot lights bayonet fits & the lense assemblies snap fits on the holding bracket. Details of the assembly shown in the diagram



Electrical and mechanical characteristics

Standards conformity	: UL508, EN 60947-5-1
Approvals	: UL508
Degree of protection	: IP65 as per IEC 60529, NEMA 4X,12 as per UL50
Ambient	-25°C to +70°C
Operating position	: All positions
Pollution degree	:3
Contact Block	
Rated insulation voltage	: 500V
Rated thermal current	: 10A
Contact operation	: Slow break NO or NC
Make and break capacity	: AC15 4A, 415V AC
As per IEC 60947-5-1	: DC13 0.5A, 110VDC
As per UL 508	: A600 Q600
Terminal Capacity	: Maximum 2X1.5mm ² , Minimum 1X2.5mm ² or minimum 1X0.5mm ²
Terminal marking	: 1NC 2 for NC & 3NO 4 for NO
Short circuit protection	: 10A HRC cartridge fuse, rated for resistive loading at 1000A prospective current
Mechanical life	: Over 1 million operations
Electrical rating (for 1 million operation cycles at 3600 cycles per	: AC15 DC13
hour, load factor 0.5)	V 24 120 230 V 24 110
	A 4 3 2 A 0.5 0.2
Screw clamp tightening torque	: 0.8Nm (nominal recommended)
	-

Modules for pilot lights & illuminated switches with LED bulbs (Ba9S cap)

Current consumption (applicable to all colors) : max 20mA : Maximum 2X1.5mm², Minimum 1X2.5mm² or minimum 1X0.5mm² Terminal capacity Service life (at nominal voltage and at ambient temperature at : 50,000 hours 25°C

Control & Signalling Devices 22.5 Ø

CLIP ON METAL SERIES

MOMENTARY AC	TUATORS		
	ТҮРЕ	COLOUR	ORDERING CODE
	Flush	White	4AF1
		Black	4AF2
		Green	4AF3
		Red	4AF4
		Blue	4AF6
		Yellow	4AF8
	Flush with	White	4AF1BA
1939 - 194 (A)	arrow marking	Black	4AF2WA
		White	4AP1
	Projecting	Black	4AP2
		Green	4AP3
See 1		Red	4AP4
		Blue	4AP6
		Yellow	4AP8
		White	4AF1RR
	Flush Relay Reset	Black	4AF2RR
		Green	4AF3RR
		Red	4AF4RR
		Blue	4AF6RR
		Yellow	4AF8RR
		White	4AF1RH
	Recess head	Black	4AF2RH
		Green	4AF3RH
		Red	4AF4RH
		Blue	4AF6RH
		Yellow	4AF8RH
		Black	4AB2
	Booted	Green	4AB3
No. M		Red	4AB4
		Blue	4AB6
		Yellow	4AB8

Control & Signalling Devices 22.5 Ø

CLIP ON METAL SERIES

JSHROOM ACT			
	ТҮРЕ	COLOUR	ORDERING CODE
	Momentary	Black	4AM2
	Head Ø 40mm	Green	4AM3
		Red	4AM4
		Blue	4AM6
		Yellow	4AM8
Martine Constant	Latching	Black	4AMLS2
	Head Ø 30mm	Red	4AMLS4
	Latching	Black	4AML2
	Head Ø 40mm	Red	4AML4
6	Duck Dull	Black	4AMPP2
	Push-Pull	Red	4AMPP2 4AMPP4
	Head Ø 40mm		4ANIFF4
	Latching	Black	4AMLKB2
	with Key	Red	4AMLKB4
	Head Ø 40mm		

CLIP ON METAL SERIES

MUSHROOM ACTUA	TORS		
	ТҮРЕ	COLOUR	ORDERING CODE
	Letakina Tringer	Diasis	
	Latching Trigger	Black	4AMLT2
	Head Ø 40mm	Red	4AMLT4
CHH+	Latobing Triggor	Black	4AMLTKB2
	Latching Trigger with key Head Ø 40mm	Red	4AMLTKB2 4AMLTKB4
10		Neu	
	l staking	Diack	44141-12
	Latching Head Ø 60mm	Black Red	4AMLJ2 4AMLJ4
		Neu	
0	Duch Dull	Dial	
	Push-Pull Head Ø 60mm	Black Red	4AMPPJ2 4AMPPJ4
		Neu	4AIVIFFJ4
and the second sec			
		Black	4AMJ2
	Momentary	Green	4AMJ3
	Head Ø 60mm	Red	4AMJ4
		Blue	4AMJ6
		Yellow	4AMJ8

SELECTOR ACTU	ATORS			
	ТҮРЕ		COLOUR	ORDERING CODE
	SELECTOR 2 position LATCHING	Q	Black	4AS2-2P
	2 position MOMENTARY	Q	Black	4AS2-2PSR
	3 position STAY PUT	<u>م ٩ هم</u>	Black	4AS2-3P
	3 position MOMENTARY,on both sides	0,0,0 - -	Black	4AS2-3PSR
	3 position MOMENTARY, on right	Q, Q, O	Black	4AS2-3PSRR
	3 position MOMENTARY, on left	Q.,Q.,O	Black	4AS2-3PSRL

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Control	& Sig	nalling	J Devic	es 22.5 Ø
C		N META	AL SER	IES

	COLOUR COLOUR COLOUR Black Black Black Black Black Black Black Black COLOUR	ORDERING CODE 4AS2E-2P 4AS2E-2PSR 4AS2E-2PSR 4AS2E-2PSR 4AS2E-3P 4AS2E-3P
	Black Black Black	4AS2E-2PSR
	Black	
		4AS2E-3P
	Black	4AS2E-3PSR
Q, Q, Q, O	Black	4AS2E-3PSRR
	Black	4AS2E-3PSRL
	· · · · · · · · · · · · · · · · · · ·	Black

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CLIP ON METAL SERIES

TYPE		COLOUR	ORDERING CODE
2 POSITION Stayput			
Stayput	-à, ,ă=	Black	4AK2-2PB
	+ ~ =		
			4AK2-2PO
			4AK2-2PI
Spring Return		Black	4AK2-2POSR
3 POSITION Stayput	× × × ×	Black	4AK2-3PA
	×,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		4AK2-3PB
			4AK2-3PC
Spring Return	- 0, 0, 0-	Black	4AK2-3PCSR
Spring Return right to centre	0, <u>x</u> , 0	Black	4AK2-3PCSRR
Spring Return left to centre	- 0 0 0	Black	4AK2-3PCSRL

TWIN ACTUATO	R		
	ТҮРЕ	COLOUR	ORDERING CODE
	Turin Astroton Daukla (Luck (IO) Mode	
	Twin Actuator Double F	-iush, (IO) Wark	
	Flush Button with I mark	Green	
	Flush Button with O mark	Red	4ATF3F4(IO)
	Twin Actuator Flush/Pr	ojecting, (IO) Mark	
		<u> </u>	
	Flush Button with I mark	Green	4ATF3P4(IO)
	Projecting Button with O m	Red	
TWIN ILLUMINA	TED ACTUATORS WITH	I LED BULB	
	ТҮРЕ	COLOUR	ORDERING CODE
	Turin Illumin stad David	o Fluch (IO) Mort	
	Twin Illuminated Doubl	e Flush, (IO) Mark	
	LED Bulb, BA9S type	Flush Green Button with I mark	4ATL5LBF3F4 (IO)
MAL. THEIRING [®] ⊂ €	24V AC/DC, 110VAC, 110VDC	Flush Red Button with O mark Amber Lens / Amber LED	
6.42.41 1.000 € aerovaço INCO0047-6-1 3218	230VAC, 220VDC		
	230470, 220400		
	Please mention the voltage	ge required after the ordering co	ode
	Twin Illuminated 1 Flus	h, 1 Projecting, (IO) Mark	
	LED Bulb, BA9S type	Flush Green Button with I mark	
	24V AC/DC,	Projecting Red Button with O mark	4ATL5LBF3P4 (IO)
and at the states of the stat	110VAC, 110VDC	Amber Lens / Amber LED	
LED & Berned 200 - 20 1600047-8-1 2810	230VAC, 220VDC		
	Please mention the voltage	ge required after the ordering co	ode

	Туре	Colour of LED / Lens	Ordering Code
nated Flu	ish, Momentary		
	LED Bulb, BA9S type	White LED Bulb / White Lens	4ALF1LB(S)
	24V AC/DC,	Green LED Bulb / Green Lens	4ALF3LB
	110VAC, 110VDC 230VAC, 220VDC	Red LED Bulb / Red Lens	4ALF4LB 4ALF5LB
	230VAC, 220VDC	Amber LED Bulb / Amber Lens Blue LED Bulb / Blue Lens	4ALF6LB
		White LED Bulb/ Clear Lens	4ALF7LB(S)
		Yellow LED Bulb / Yellow Lens	4ALF8LB
accesses 2418			
	Please me	ntion the voltage required after the orde	ering code
ated Pro	ojecting, Momentary		
	LED Bulb, BA9S type	White LED Bulb / White Lens	4ALP1LB(S)
	24V AC/DC,	Green LED Bulb / Green Lens	4ALP3LB
	110VAC, 110VDC	Red LED Bulb / Red Lens	4ALP4LB
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	4ALP5LB
		Blue LED Bulb / Blue Lens	4ALP6LB
ALA TEENED CC		White LED Bulb/ Clear Lens	4ALP7LB(S)
1400 \$ 240740		Yellow LED Bulb / Yellow Lens	4ALP8LB
		ention the voltage required after the orde	ering code
IINATED	Please me SELECTOR ACTUATO Type		ering code Ordering Code
MINATED	SELECTOR ACTUATO	R WITH LED BULB	-
/INATED	SELECTOR ACTUATO	R WITH LED BULB Colour of LED / Lens	Ordering Code
IINATED	SELECTOR ACTUATO Type 2 Position illumin LED Bulb BA9S type	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens	Ordering Code 4ASL1LB(S)-2P
IINATED	SELECTOR ACTUATO Type 2 Position illumin LED Bulb BA9S type 24V AC/DC,	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / Green Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P
IINATED	SELECTOR ACTUATO Type 2 Position illumin LED Bulb BA9S type 24V AC/DC, 110VAC, 110VDC	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / Green Lens Red LED Bulb / Red Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P
IINATED	SELECTOR ACTUATO Type 2 Position illumin LED Bulb BA9S type 24V AC/DC, 110VAC, 110VDC 230VAC, 220VDC	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / Green Lens Red LED Bulb / Red Lens Amber LED Bulb / Amber Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P 4ASL5LB-2P
	SELECTOR ACTUATO Type 2 Position illumin LED Bulb BA9S type 24V AC/DC, 110VAC, 110VDC	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / White Lens Red LED Bulb / Red Lens Amber LED Bulb / Amber Lens Blue LED Bulb / Blue Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P 4ASL4LB-2P 4ASL5LB-2P 4ASL6LB-2P
	SELECTOR ACTUATO Type 2 Position illumin LED Bulb BA9S type 24V AC/DC, 110VAC, 110VDC 230VAC, 220VDC	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / Green Lens Red LED Bulb / Red Lens Amber LED Bulb / Amber Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P 4ASL5LB-2P 4ASL6LB-2P
	SELECTOR ACTUATO Type 2 Position illumin LED Bulb BA9S type 24V AC/DC, 110VAC, 110VDC 230VAC, 220VDC	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / Green Lens Red LED Bulb / Red Lens Amber LED Bulb / Amber Lens Blue LED Bulb / Blue Lens White LED Bulb / Blue Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P 4ASL4LB-2P 4ASL5LB-2P 4ASL6LB-2P 4ASL6LB-2P 4ASL7LB(S)-2P
	SELECTOR ACTUATO Type 2 Position illumin LED Bulb BA9S type 24V AC/DC, 110VAC, 110VDC 230VAC, 220VDC	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / Green Lens Red LED Bulb / Red Lens Amber LED Bulb / Amber Lens Blue LED Bulb / Blue Lens White LED Bulb / Blue Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P 4ASL5LB-2P 4ASL5LB-2P 4ASL6LB-2P 4ASL7LB(S)-2P 4ASL8LB-2P
	SELECTOR ACTUATO	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / White Lens Red LED Bulb / Green Lens Red LED Bulb / Amber Lens Blue LED Bulb / Amber Lens White LED Bulb / Jelue Lens Yellow LED Bulb / Clear Lens Yellow LED Bulb / Yellow Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P 4ASL5LB-2P 4ASL5LB-2P 4ASL6LB-2P 4ASL7LB(S)-2P 4ASL8LB-2P 4ASL8LB-2P
	SELECTOR ACTUATO Type 2 Position illumin LED Bulb BA9S type 24V AC/DC, 110VAC, 110VDC 230VAC, 220VDC Please me LED Bulb BA9S type	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / White Lens Red LED Bulb / Red Lens Amber LED Bulb / Red Lens Blue LED Bulb / Blue Lens White LED Bulb / Yellow Lens Yellow LED Bulb / Yellow Lens white LED Bulb / Yellow Lens White LED Bulb / Yellow Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P 4ASL5LB-2P 4ASL6LB-2P 4ASL6LB-2P 4ASL6LB-2P 4ASL6LB-2P 4ASL1LB(S)-2PSI
	SELECTOR ACTUATO	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / White Lens Red LED Bulb / Green Lens Amber LED Bulb / Red Lens Blue LED Bulb / Amber Lens Blue LED Bulb / Blue Lens White LED Bulb / Plue Lens White LED Bulb / Vellow Lens Image: State of the state	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P 4ASL5LB-2P 4ASL6LB-2P 4ASL6LB-2P 4ASL7LB(S)-2P 4ASL8LB-2P ering code 4ASL1LB(S)-2PSI 4ASL3LB-2PSR
	SELECTOR ACTUATO	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / White Lens Red LED Bulb / Green Lens Blue LED Bulb / Amber Lens Blue LED Bulb / Amber Lens White LED Bulb / Joint / Amber Lens Blue LED Bulb / Slue Lens White LED Bulb / Yellow Lens Yellow LED Bulb / Yellow Lens Monte LED Bulb / Yellow Lens Monte LED Bulb / Yellow Lens Monte LED Bulb / Yellow Lens Mether LED Bulb / Yellow Lens Mether LED Bulb / Yellow Lens Red LED Bulb / Mite Lens Red LED Bulb / Mether Lens Red LED Bulb / Mether Lens Red LED Bulb / Green Lens Red LED Bulb / Red Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P 4ASL5LB-2P 4ASL6LB-2P 4ASL7LB(S)-2P 4ASL8LB-2P ering code 4ASL1LB(S)-2PS 4ASL3LB-2PSR 4ASL3LB-2PSR
	SELECTOR ACTUATO	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / White Lens Red LED Bulb / Green Lens Blue LED Bulb / Amber Lens White LED Bulb / Amber Lens Yellow LED Bulb / Yellow Lens White LED Bulb / Yellow Lens Multic LED Bulb / Yellow Lens Mathematical After the order Mite LED Bulb / Mite Lens Red LED Bulb / Mite Lens Amber LED Bulb / Mite Lens Amber LED Bulb / Amber Lens Amber LED Bulb / Amber Lens Amber LED Bulb / Red Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P 4ASL5LB-2P 4ASL6LB-2P 4ASL7LB(S)-2P 4ASL8LB-2P ering code 4ASL1LB(S)-2PS 4ASL3LB-2PSR 4ASL3LB-2PSR 4ASL5LB-2PSR
	SELECTOR ACTUATO	R WITH LED BULB Colour of LED / Lens ated selector actuator Mite LED Bulb / White Lens Green LED Bulb / White Lens Red LED Bulb / Red Lens Amber LED Bulb / Amber Lens Blue LED Bulb / Blue Lens White LED Bulb / Yellow Lens Yellow LED Bulb / Yellow Lens White LED Bulb / Yellow Lens White LED Bulb / Yellow Lens White LED Bulb / Yellow Lens Mether LED Bulb / Yellow Lens Blue LED Bulb / Mhite Lens Blue LED Bulb / Mhite Lens Blue LED Bulb / Red Lens Amber LED Bulb / Red Lens Blue LED Bulb / Red Lens Blue LED Bulb / Blue Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P 4ASL5LB-2P 4ASL6LB-2P 4ASL7LB(S)-2P 4ASL8LB-2P ering code 4ASL1LB(S)-2PS 4ASL3LB-2PSR 4ASL4LB-2PSR 4ASL6LB-2PSR 4ASL6LB-2PSR
	SELECTOR ACTUATO	R WITH LED BULB Colour of LED / Lens ated selector actuator White LED Bulb / White Lens Green LED Bulb / White Lens Red LED Bulb / Green Lens Blue LED Bulb / Amber Lens White LED Bulb / Amber Lens Yellow LED Bulb / Yellow Lens White LED Bulb / Yellow Lens Multic LED Bulb / Yellow Lens Mathematical After the order Mite LED Bulb / Mite Lens Red LED Bulb / Mite Lens Amber LED Bulb / Mite Lens Amber LED Bulb / Amber Lens Amber LED Bulb / Amber Lens Amber LED Bulb / Red Lens	Ordering Code 4ASL1LB(S)-2P 4ASL3LB-2P 4ASL4LB-2P 4ASL5LB-2P 4ASL6LB-2P 4ASL7LB(S)-2P 4ASL8LB-2P ering code 4ASL1LB(S)-2PS 4ASL3LB-2PSR 4ASL3LB-2PSR

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CLIP ON METAL SERIES

ILLUMINATED SELECTOR WITH LED BULB

ТҮРЕ	Colour of LED / Lens	ORDERING CODE		
3 Position Illumin	ated Selector Actuator			
Stayput	White LED Bulb / White Lens	4ASL1LB(S)-3P		
LED Bulb BA9S type	Green LED Bulb / Green Lens	4ASL3LB-3P		
24V AC/DC,	Red LED Bulb / Red Lens	4ASL4LB-3P		
110VAC, 110VDC	Amber LED Bulb / Amber Lens	4ASL5LB-3P		
230VAC, 220VDC	Blue LED Bulb / Blue Lens	4ASL6LB-3P		
۹.۹.۵	White LED Bulb/ Clear Lens	4ASL7LB(S)-3P		
	Yellow LED Bulb / Yellow Lens	4ASL8LB-3P		
Please m	Please mention the voltage required after the ordering code			
Momentery	White LED Bulb / White Lens	4ASL1LB(S)-3PSR		
Momentary	Green LED Bulb / Green Lens	4ASLILB(S)-3PSR 4ASL3LB-3PSR		
LED Bulb BA9S type 24V AC/DC,	Red LED Bulb / Green Lens	4ASL3LB-3PSR 4ASL4LB-3PSR		
110VAC, 110VDC	Amber LED Bulb / Amber Lens	4ASL4LB-3PSR 4ASL5LB-3PSR		
230VAC, 220VDC	Blue LED Bulb / Blue Lens	4ASL6LB-3PSR		
· Q_Q_O	White LED Bulb / Clear Lens	4ASL7LB(S)-3PSR		
	Yellow LED Bulb / Yellow Lens	4ASL8LB-3PSR		
Please m	Please mention the voltage required after the ordering code			
Momentary / Stayput	White LED Bulb / White Lens	4ASL1LB(S)-3PSRL		
LED Bulb BA9S type	Green LED Bulb / Green Lens	4ASL3LB-3PSRL		
24V AC/DC,	Red LED Bulb / Red Lens	4ASL4LB-3PSRL		
110VAC, 110VDC	Amber LED Bulb / Amber Lens			
230VAC, 220VDC	Blue LED Bulb / Amber Lens	4ASL5LB-3PSRL 4ASL6LB-3PSRL		
	White LED Bulb/ Clear Lens	4ASL7LB(S)-3PSRL		
۵ <u>.</u> ۹۰	Yellow LED Bulb / Yellow Lens	4ASL7LB(S)-3PSRL 4ASL8LB-3PSRL		
· · · · · · · · · · · · · · · · · · ·		443LOLD-383KL		
	nention the voltage required after the ord	dering code		
Please m				
	White LED Bulb / White Lens	4ASL1LB(S)-3PSRR		
Momentary / Stayput		4ASL1LB(S)-3PSRR 4ASL3LB-3PSRR		
	White LED Bulb / White Lens	4ASL3LB-3PSRR		
Momentary / Stayput LED Bulb BA9S type 24V AC/DC,	White LED Bulb / White Lens Green LED Bulb / Green Lens	4ASL3LB-3PSRR 4ASL4LB-3PSRR		
Momentary / Stayput LED Bulb BA9S type	White LED Bulb / White Lens Green LED Bulb / Green Lens Red LED Bulb / Red Lens	4ASL3LB-3PSRR		
Momentary / Stayput LED Bulb BA9S type 24V AC/DC, 110VAC, 110VDC 230VAC, 220VDC	White LED Bulb / White Lens Green LED Bulb / Green Lens Red LED Bulb / Red Lens Amber LED Bulb / Amber Lens Blue LED Bulb / Blue Lens	4ASL3LB-3PSRR 4ASL4LB-3PSRR 4ASL5LB-3PSRR 4ASL6LB-3PSRR		
Momentary / Stayput LED Bulb BA9S type 24V AC/DC, 110VAC, 110VDC 230VAC, 220VDC	White LED Bulb / White Lens Green LED Bulb / Green Lens Red LED Bulb / Red Lens Amber LED Bulb / Amber Lens Blue LED Bulb / Blue Lens White LED Bulb / Clear Lens	4ASL3LB-3PSRR 4ASL4LB-3PSRR 4ASL5LB-3PSRR 4ASL6LB-3PSRR 4ASL6LB-3PSRR 4ASL7LB(S)-3PSRR		
Momentary / Stayput LED Bulb BA9S type 24V AC/DC, 110VAC, 110VDC	White LED Bulb / White Lens Green LED Bulb / Green Lens Red LED Bulb / Red Lens Amber LED Bulb / Amber Lens Blue LED Bulb / Blue Lens	4ASL3LB-3PSRR 4ASL4LB-3PSRR 4ASL5LB-3PSRR		

Control & Signalling Devices 22.5 Ø

CLIP ON METAL SERIES					
ILLUMINATED MUSHROOM WITH LED BULB					
	ТҮРЕ	COLOUR	ORDERING CODE		
	Illuminated Mushroom, Momentary				
	LED Bulb, BA9S type 24V AC/DC, 110VAC, 110VDC 230VAC, 220VDC	Red	4ALM4LB		
Note 42,148 1380 # section and section 10 monometh 4: 2018					
	Please mention the voltage r	equired after the	ordering code		
	Illuminated Mushroom, Push Pull				
		1			
	LED Bulb, BA9S type 24V AC/DC, 110VAC, 110VDC 230VAC, 220VDC	Red	4ALMPP4LB		
animati A. 2016					
	Please mention the voltage required after the ordering c				

PILOT LIGHTS				
	ТҮРЕ	Colour of LED / Lens	ORDERING CODE	
	Pilot Light with LED Bulb			
Solution The Constitution of the Constitutiono				
	LED Bulb, BA9S type	White LED Bulb / White Lens	4PLB1LB(S)	
	24V AC/DC,	Green LED Bulb / Green Lens	4PLB3LB	
	110VAC, 110VDC	Red LED Bulb / Red Lens	4PLB4LB	
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	4PLB5LB	
		Blue LED Bulb / Blue Lens	4PLB6LB	
		White LED Bulb / Clear Lens	4PLB7LB(S)	
		Yellow LED Bulb / Yellow Lens	4PLB8LB	
	Please mention the voltage required after the ordering code			

	ТҮРЕ	ORDERING CODE
	PANEL MOUNTING	
ME THEREFOLD C C C I LONG THE CONTROL OF C C I LONG THE C C C I LONG THE C C C I LONG THE C C C C C C C C C C C C C C C C C C C	NORMALLY OPEN (NO) SILVER CONTACT	C1
STREAME CC	NORMALLY CLOSED (NC) SILVER CONTACT	C2
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	NORMALLY CLOSED (NC) GOLD CONTACT	C4
	BASE MOUNTING	
	NORMALLY OPEN (NO) SILVER CONTACT	C5
	NORMALLY CLOSED (NC) SILVER CONTACT	C6
	NORMALLY OPEN (NO) GOLD CONTACT	C7
	NORMALLY CLOSED (NC) GOLD CONTACT	C8

Common types of control and signalling devices Ø 22.5 Metallic, Clip on Series

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Description	Type of Actuator or Lense Assembly	Colour of Actuator or Lense	Contact elements NO=C1 NC=C2 or Lamp Holder	Type of complete Control or Signalling Device	
Flush pushbutton	4AF3	Green	1NO	4PSF310	
	4AF8	Yellow	2NO+1NC	4PSF821	
Projecting pushbutton	4AP2	Black	2NC	4PSP202	
	4AP4	Red	3NO+3NC	4PSF433	
Booted Pushbutton	4AF3+2BT7	Green+clear boot	2NO	4PSF320+2BT7	
	4AF4+2BT7	Red+clear boot	2NC	4PSF402+2BT7	
Mushroom Pushbutton Spring	4AM2	Black	1NO+1NC	4PSM211	
return	4AM4	Red	1NC	4PSM401	
Mushroom Pushbutton Latching	4AML2	Black	1NC	4PSML201	
turn to release	4AML4	Red	2NO+2NC	4PSML422	
Mushroom Pushbutton Latching Key to release	4AMLKB4	Red	1NO+1NC	4PSMLKB411	
Selector Pushbutton-2P	4AS2-2P	Black	1NO	4PSS210-2P	
Selector Pushbutton-3P	4AS2-3P	Black	1NO+1NC	4PSS211-3P	
Key Pushbutton (2Pos) key removable	4AK2-2PB	Black	1NO	4PSK210-2PB	
in both positions Key Pushbutton (3Pos) key removable in left & right positions	4AK2-3PB	Black	1NO+1NC	4PSK211-3PB	
Twin Pushbutton marked "IO"		Flush-Green	1NO		45.5
Flush-Flush	4ATF3-F4-IO	TF3-F4-IO Flush-Red 1NC	1NC	4PSTF310-F401-I	/ ⊔¶_≽≥⊍ ∔ 14
Twin Pushbutton marked "IO"		Flush-Green 1NO			
Flush-Projecting	4ATF3-P4-IO	Projecting-Red	1NC	4PSTF310-P401-IC	
Flush illuminated pushbutton with multichip LED bulb direct connection	4ALF3LB24DC	Green	1NO+1NC	4PSLF3LB1124DC	
Twin Luminous Pushbutton with "IO" marking Flush-Flush with LED bulb (230VAC)	4ATL5LB-F3 -F4230AC-IO	Lense-Amber Flush-Green Flush-Red	1NO 1NC	4PSTL5LBF310 -F401230AC-IO	
Twin Luminous Pushbutton with "IO" marking Flush - Projecting with LED bulb (110VAC)	4ATL5LB-F3 -P4110AC-IO	Lense-Amber Flush-Green Projecting-Red	1NO 1NC	4PSTL5LBF310 -P401110AC-IO	
Pilot Light with LED bulb for 24V Bulb:24V	4PLLA5	Amber	4LHB24	4PLB5LB24	
Pilot Light with LED bulb for 230VAC Bulb: 230V	4PLLA5	Amber	4LHB230AC	4PLB5LB230AC	

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