TEKNIC





Control and Signaling Devices Ø 22.5 Plastic Series



Control and signalling devices Ø 22.5 P series

Salient features

This range of Ø 22.5 P series pushbuttons, selector switches, illuminated switches, and pilot lights in engineering plastic construction have been designed to provide the following salient features:

Economy of space . Aesthetically elegant . SELF WIPING CONTACTS · Robust in materials of construction

Larger operating surface than Ø 30.5 series

· Simple to fix - screw driver is all that is required

Safe in operation

Fixing method unaffected by excessive vibration-unit does not rotate

Very good flame resistance Protection against electrical shock Shrouded terminals

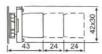
Resistant to corrosion

Actuators

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

Contact elements

The contact elements are double break and have self wiping 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 to 4 elements (NO or NC) can be used for illuminated actuators. Gold plated NO and NC contact elements for low voltage, low current switching circuits, < 25 mA, are available.



Illuminated pushbuttons and pilot lights

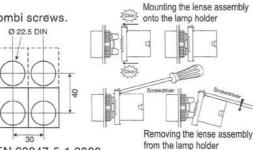
Pilot lights and illuminated switches are suitable for direct connection, through series resistor, through series resistor and diode, using bayonet cap filament bulb type BA9S, as follows:

Supply voltage for direct connection without series resistor: 6V-130V Supply voltage through series resistor.....: 12V-415V Supply voltage through series resistor and diode: 230V AC

Bulb: Filament, type BA9s with OAL max., 28 mm Pilot lights and illuminated actuators are available with integral LED chips, suitable for operating at various voltages namely 6V, 12V, 24V, 30V, 48V, 63.5V, 110V, 125V, 230V AC or DC and 415 volts AC. Pilot lights and illuminated actuators are available with LED bulbs (bayonet cap, BA9S design with OAL max. 28 mm) suitable for operating at various voltages namely 24V, 110V and 230V. On request an extra short circuit protection consisting of built in fuse in the LED modules can be provided. Pilot lights are available with built in transformers suitable for operating at 230, 110 volts AC input and 6 V, 12 V and 24V output.

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

The P series control devices Ø 22.5 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 and the lense assemblies lock on the holding bracket. Details of the assembly shown in diagram.



Electrical and mechanical characteristics

Environment

Standards conformity CSA - C22.2 No. 14-95, UL508, EN 60947-5-1 2000

Approvals CSA - C22.2 No. 14-95, UL508, VDE 0660

Degree of protection IP 65 as per IEC 529, NEMA 4X, 12 as per UL 50

Ambient - 25 C to + 70 C

Operating position All positions

Contact Block

Rated insulation voltage 500 V Rated thermal current 10 A

Contact operation Self wiping, slow break NO or NC Make and break capacity

As per IEC 947 - 5 - (1) 1990 AC 15 4 A, 415 V AC DC 13 0.5 A, 110 V DC

Terminal capacity Minimum 1 x 0.5 mm', maximum 2 x 1.5 mm' or 1 x 2.5 mm'

Terminal marking 1-2 for NC, 3-4 for NO

Short circuit protection 10 A cartridge fuse HRC type, rated for resistive loading

Mechanical life Over 1 million operations Electrical rating

24 110 AC 15 (for 1 million operating cycles, operating at

3600 cycles per hour, load factor 0.5)

Modules for pilot light & illuminated switches with integral LED / multichip LED bulb (BA9S cap)

Current consumptions (applicable to all colours)

24 VAC/DC, 110 VAC & 240 VAC 110 VDC

220 VDC Service life (at nominal voltage and at ambient temperature of 25°C)

Voltage limits (nominal voltage) Short circuit protection

Terminal capacity

: max. 20 mA

: max. 15 mA : max. 10 mA

: 100,000 hours

: < 20% of rated voltage > : on specific request

: min. 1 x 0.5 mm', max. 2 x 1.5 mm' or 1 x 2.5 mm'

Control & Signalling Devices 22.5 Ø

PLASTIC SERIES

MOMENTARY ACTUATORS			
	TYPE	COLOUR	ORDERING CODE
		White	P2AF1
		Black	P2AF2
		Green	P2AF3
CHARLES OF	Flush	Red	P2AF4
		Blue	P2AF6
		Yellow	P2AF8
Marked Actuators availa	ble as per request		
		White	P2AF1A
		Black	P2AF2A
	Flush with	Green	P2AF3A
	Arrow marking	Red	P2AF4A
		Blue	P2AF6A
		Yellow	P2AF8A
		White	P2AP1
		Black	P2AP2
	Projecting	Green	P2AP3
- Property of the second		Red	P2AP4
		Blue	P2AP6
		Yellow	P2AP8
		White	P2AP10
		Black	P2AP10 P2AP20
	Projecting with	Green	P2AP30
	marking	Red	P2AP40
The state of	iliai kiiliy	Blue	P2AP40 P2AP60
		Yellow	P2AP80 P2AP80
		I GIIOW	FZAFOU
		+	
		White	P2AF1BT7
		Black	P2AF2BT7
		Green	P2AF3BT7
	Booted	Red	P2AF4BT7
		Blue	P2AF6BT7
		Yellow	P2AF8BT7

*All actuators are supplied with fixing flange



MUSHROOM HEAD ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	
		Black	P2AM2	
	Momentary	Green	P2AM3	
	Ø 40mm	Red	P2AM4	
		Blue	P2AM6	
		Yellow	P2AM8	
		<u> </u>		
	Push Pull	Red	P2AMPP4	
	Ø 40 mm			
		 		
		+		
Carried Control of Control	Latching	Black	P2AMLS2	
	Ø 30mm	Diack	1 ZAWILOZ	
	2 00111111	Red	P2AMLS4	
		rtou	1 Li tiviLO 1	
	Latching	Black	P2AML2	
	Ø 40mm			
		Red	P2AML4	
O.		Dist	DOAMUZDO	
VEW V	Latching	Black	P2AMLKB2	
	with Key Ø 40mm	Red	P2AMLKB4	
	2 4011111	Neu	F ZAIVILND4	
The same of the sa		+		
		 		
		†		
*All actuators are supplie	d with fixing flange			



MUSHROOM HEAD ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	
		Black	P2AMJ2	
	Momentary	Green	P2AMJ3	
	Ø 60mm	Red	P2AMJ4	
		Blue	P2AMJ6	
		Yellow	P2AMJ8	
0				
	Push Pull			
	Ø 60 mm	Red	P2AMPPJ4	
-				
	Latching	Black	P2AMLJ2	
	Jumbo		50000	
	Ø 60mm	Red	P2AMLJ4	
Control of the Contro	Trigger type	Red	P2AMLT4	
	Trigger type Press to Lock	Rea	FZAIVIL I 4	
		<u> </u>		
ADDITIONAL PROPERTY OF THE PARTY OF THE PART	turn to release Ø 40 mm	1		
The state of	2 TO IIIII			
	Trigger type	Red	P2AMLTKB4	
	Press to Lock			
	key to release			
THE PARTY OF THE P	Ø 40 mm			
-				
*All actuators are supplied	with fixing flange			
	Jg-	1		



SELECTOR AC	TUATORS		
	TYPE	COLOUR	ORDERING CODE
	Selector 2 position LATCHING with ext. knob	Black	P2AS2-2P P2AS2E-2P
	2 position MOMENTARY with ext. knob	Black	P2AS2-2PSR P2AS2E-2PSR
	3 position STAY PUT with ext. knob	Black	P2AS2-3P P2AS2E-3P
	MOMENTARY on both sides with ext. knob	Black	P2AS2-3PSR P2AS2E-3PSR
	3 position MOMENTARY on right	Black	P2AS2-3PSRR
	3position MOMENTARY on left	Black	P2AS2E-3PSRR P2AS2-3PSRL
*All actuators are supp	with ext. knob		P2AS2E-3PSRL



KEY SELECTOR ACTUATORS					
	TYPE	COLOUR	ORDERING CODE		
	2 Position X	x Black	P2AK2-2PB		
	2 Position X Stayput				
	v				
	ĝ	.	P2AK2-2PO		
10	0 6	S	P2AK2-2PI		
河(里) (11-2)		´ 	1 2/11/2-21 1		
ALS:					
	Spring Return X) Black	P2AK2-2POSR		
		~ 			
	x x	х			
	3 Position Q Q Q	Black	P2AK2-3PA		
	<u>Stayput</u>				
	Ž n n	Š Black	DOVICO ODD		
		Diack	P2AK2-3PB		
		-			
		<u> </u>			
		Black	P2AK2-3PC		
		Diack	FZANZ-SFC		
	_ X	<u> </u>			
	Spring Return	Black	P2AK2-3PSR		
	3	13.3.1			
	Spring Return X	Black	P2AK2-3PSRR		
	right to centre	, 			
	v				
	Spring Return	Black	P2AK2-3PSRL		
	left to centre				
	*				
	* V stands for a self.	vale i ele de contre	re ex relate		
	* X stands for position in	wnich key is re	movable		
*All actuators are supplied w	ith fixing flange				
Aii actuators are supplied w	nui nang nange				



TWIN ACTUATORS



TWIN ACTUATOR			
	TYPE	COLOUR	ORDERING CODE
		Green	P2ATF3F4
		Red	
	Double Flush		
	w/o IO Mark	Yellow	P2ATF8F2
		Black	
The second secon		Green	P2ATF3F4(IO)
		Red	
	Double Flush		
	with IO Mark	Yellow	P2ATF8F2(IO)
		Black	
		Green	P2ATF3P4
	1 Flush,	Red	
	1 Projecting		
	w/o IO Mark	Yellow	P2ATF8P2
		Black	
	1 Flush,	Green	P2ATF3P4(IO)
	1 Projecting	Red	
	with IO Mark		
		Yellow	P2ATF8P2(IO)
		Black	` '
*All actuators are supplied	with fixing flange		



Illuminated Flush White P2ALF1 Filament Bulb Green P2ALF3 6V to 130V AC/DC Red P2ALF4 Amber P2ALF5 Blue P2ALF6 Clear P2ALF7 Yellow P2ALF8 Direct Connection Please mention the voltage required after the ordering code White P2ALRF1 Green P2ALRF3 Filament Bulb Red P2ALRF4 24V,48V,130V,230V AC/DC Amber P2ALRF5 Blue P2ALRF5 Clear P2ALRF7 Yellow P2ALRF6 Clear P2ALRF7 Yellow P2ALRF8 Connection with Please mention the voltage required after the ordering code Resistor White P2ALRF1 230V Green P2ALRF3 230V Filament bulb Red P2ALRF4 230V	ILLUMINATED MOMENTARY ACTUATORS WITH BULB				
White P2ALF1 Filament Bulb Green P2ALF3 6V to 130V AC/DC Red P2ALF4 Amber P2ALF5 Blue P2ALF6 Clear P2ALF7 Yellow P2ALF8 Direct Connection Please mention the voltage required after the ordering code White P2ALRF1 Green P2ALRF3 Filament Bulb Red P2ALRF4 24V,48V,130V,230V AC/DC Amber P2ALRF5 Blue P2ALRF5 Clear P2ALRF6 Clear P2ALRF6 Clear P2ALRF6 Clear P2ALRF7 Yellow P2ALRF8 Connection with Please mention the voltage required after the ordering code Resistor White P2ALRF1 230V Green P2ALRF3 230V Filament bulb Red P2ALRF4 230V		ТҮРЕ	COLOUR	ORDERING CODE	
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Connection with Resistor White P2ALRF1 230V Green P2ALRF3 230V Filament bulb Red P2ALRF4 230V					
White P2ALRF1 230V	Connection with	Diagon montion the veltons requi			
White P2ALRF1 230V		Please mention the voltage required after the ordering code			
Green P2ALRF3 230V Filament bulb Red P2ALRF4 230V	1/6919101		\//bi+a	D2ALDE1 220\/ AC	
Filament bulb Red P2ALRF4 230V	e 4 =				
		Filomont bulb			
1220 V AC Ambar DOALDE 2001/					
	37 *SIMXET	230 V AC		P2ALRF5 230V AC P2ALRF6 230V AC	
	all and and				
	105			P2ALRF7 230V AC P2ALRF8 230V AC	
Connection with Yellow P2ALRF8 230V	Connection with		reliow	PZALKFÖ ZJUV AC	
		Please mention the voltage required after the ordering code			



ILLUMINATED ACTUATORS WITH LED					
	Туре	Colour of LED / Lens	Ordering Code		
Illuminated Flush, Momentary					
		Yellow LED / White Lens	P2ALRF1L		
	Internal I ED				
	Integral LED 6V, 12V, 24V, 48V AC/DC	White LED / White Lens Green LED / Green Lens	P2ALRF1L(S) P2ALRF3L		
1000	110VAC, 110VDC,	Red LED / Red Lens	P2ALRF3L P2ALRF4L		
	230VAC, 220VDC	Amber LED / Amber Lens	P2ALRF4L P2ALRF5L		
TREMES C	230VAC, 220VDC	Blue LED / Blue Lens	P2ALRF6L		
LED LE COMPANY		Yellow LED / Clear Lens	P2ALRF7L		
		White LED / Clear Lens	P2ALRF7L P2ALRF7L(S)		
		Yellow LED / Yellow Lens	P2ALRF8L		
Integral	Please mention	the voltage required after the ordering			
integral	i lease mention	The voltage required after the ordering	y code		
	LED Bulb	Yellow LED Bulb / White Lens	P2ALF1LB		
	BA9S type	White LED Bulb / White Lens	P2ALF1LB(S)		
	24V AC/DC,	Green LED Bulb / Green Lens	P2ALF3LB		
	110VAC, 110VDC	Red LED Bulb / Red Lens	P2ALF4LB		
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	P2ALF5LB		
Thomas (C	20017(0, 220120	Blue LED Bulb / Blue Lens	P2ALF6LB		
		Yellow LED Bulb / Clear Lens	P2ALF7LB		
		White LED Bulb/ Clear Lens	P2ALF7LB(S)		
		Yellow LED Bulb / Yellow Lens	P2ALF8LB		
Bayonet Bulb	Please mention the voltage re	quired after the ordering code			
•	1	<u> </u>			
		Yellow LED / White Lens	P2ALRF1LF		
	Integral LED	White LED / White Lens	P2ALRF1LF(S)		
	24V, 110V, 230V, AC	Green LED / Green Lens	P2ALRF3LF		
		Red LED / Red Lens	P2ALRF4LF		
No. THENDROOM		Amber LED / Amber Lens	P2ALRF5LF		
LED TO THE REAL PROPERTY OF THE PARTY OF THE		Blue LED / Blue Lens	P2ALRF6LF		
"		Yellow LED / Clear Lens	P2ALRF7LF		
		White LED / Clear Lens	P2ALRF7LF(S)		
		Yellow LED / Yellow Lens	P2ALRF8LF		
Flasher	Please mention the voltage re	quired after the ordering code			



ILLUMINATED MOMENTARY ACTUATORS WITH BULB			
	ТҮРЕ	COLOUR	ORDERING CODE
	Illuminated Projecting		
(4)		White	P2ALP1
		Green	P2ALP3
	Filament Bulb	Red	P2ALP4
THUMBS CO.	6V to 130V AC/DC	Amber	P2ALP5
Sand Sand Sand Sand Sand Sand Sand Sand		Blue	P2ALP6
		Clear	P2ALP7
		Yellow	P2ALP8
Direct Connection	Please mention the voltage	e required afte	er the ordering code
		100	D041 DD4
4.		White	P2ALRP1
		Green	P2ALRP3
	Filament Bulb	Red	P2ALRP4
Parence	24V,48V,130V,230V AC/DC	Amber	P2ALRP5
STIPE CE		Blue	P2ALRP6
		Clear	P2ALRP7
103		Yellow	P2ALRP8
Connection with	Please mention the voltage	e required afte	er the ordering code
Resistor			
		1	
	Filament bulb	White	P2ALRP1 230V AC
	230 V AC	Green	P2ALRP3 230V AC
Patrice .		Red	P2ALRP4 230V AC
STATE OF THE STATE		Amber	P2ALRP5 230V AC
		Blue	P2ALRP6 230V AC
THE STATE OF THE S		Clear	P2ALRP7 230V AC
Connection with		Yellow	P2ALRP8 230V AC
Resistor + Diode			



ILLUMINATED ACTUATORS WITH LED					
	TYPE	Colour of LED / Lens	ORDERING CODE		
Illuminated Projecting, Momentary					
		V II 155 (MI);	DOAL DDAL		
		Yellow LED / White Lens	P2ALRP1L		
(3)		White LED / White Lens	P2ALRP1L(S)		
	044 . 0004 4.0	Green LED / Green Lens	P2ALRP3L		
10	6V to 230V AC,	Red LED / Red Lens	P2ALRP4L		
THINGS (I	6V to 220V DC	Amber LED / Amber Lens	P2ALRP5L		
Senson All 1996		Blue LED / Blue Lens	P2ALRP6L		
1955		Yellow LED / Clear Lens	P2ALRP7L		
		White LED / Clear Lens	P2ALRP7L(S)		
Integral	Diagon montion the welf	Yellow LED / Yellow Lens age required after the ordering code	P2ALRP8L		
Integral	Please mention the voit	age required after the ordering code			
		Yellow LED Bulb / White Lens	P2ALP1LB		
		White LED Bulb / White Lens			
		Green LED Bulb / Green Lens	P2ALP1LB(S) P2ALP3LB		
		Red LED Bulb / Red Lens	P2ALP3LB P2ALP4LB		
	24V to 230V AC,	Amber LED Bulb / Amber Lens	P2ALP4LB P2ALP5LB		
Supplies CE	24V to 230V AC,	Blue LED Bulb / Blue Lens	P2ALP5LB P2ALP6LB		
	24V to 220V DC	Yellow LED Bulb / Clear Lens	P2ALP7LB		
		White LED Bulb/ Clear Lens	P2ALP7LB(S)		
		Yellow LED Bulb / Yellow Lens	P2ALP7LB(3)		
Bayonet Bulb	Please mention the volt		I ZALI OLD		
Dayonet Duib	Bayonet Bulb Please mention the voltage required after the ordering code				
		Yellow LED / White Lens	P2ALRP1LF		
		White LED / White Lens	P2ALRP1LF(S)		
		Green LED / Green Lens	P2ALRP3LF		
		Red LED / Red Lens	P2ALRP4LF		
		Amber LED / Amber Lens	P2ALRP5LF		
STATISTICS OF	110V AC , 240V AC	Blue LED / Blue Lens	P2ALRP6LF		
EST CE STORY OF THE PERSON OF	1101 AO , 2701 AO	Yellow LED / Clear Lens	P2ALRP7LF		
180		White LED / Clear Lens	P2ALRP7LF(S)		
		Yellow LED / Yellow Lens	P2ALRP8LF		
Flasher	Please mention the ve	oltage required after the ordering			
1 1001161	i lease intelluoli ule vo	mage required after the ordering	coue		



ILLUMINATED SELE	CTOR WITH BULB				
	ТҮРЕ	COLOUR	ORDERING CODE		
	2 Position Stayput illuminated selector actuator				
		10.00			
- to		White	P2ASL1-2P		
	Filament bulb	Green	P2ASL3-2P		
	6V to 130V AC/DC	Red	P2ASL4-2P		
Patrice Ce		Amber	P2ASL5-2P		
and the same		Blue	P2ASL6-2P		
		Clear	P2ASL7-2P		
		Yellow	P2ASL8-2P		
Direct Connection	Please mention the voltage requ	ired after the or	dering code		
4		White	P2ASLR1-2P		
	Filament bulb	Green	P2ASLR3-2P		
	24 V,48V,110V,230V AC/DC	Red	P2ASLR4-2P		
Parties		Amber	P2ASLR5-2P		
The M.		Blue	P2ASLR6-2P		
		Clear	P2ASLR7-2P		
100		Yellow	P2ASLR8-2P		
Connection with	Please mention the voltage requ	ired after the or	dering code		
Resistor					
		White	P2ASLR1-2P 230V AC		
	Filament bulb	Green	P2ASLR3-2P 230V AC		
	230V AC	Red	P2ASLR4-2P 230V AC		
Patentes Co.		Amber	P2ASLR5-2P 230V AC		
The Sta		Blue	P2ASLR6-2P 230V AC		
1/0		Clear	P2ASLR7-2P 230V AC		
		Yellow	P2ASLR8-2P 230V AC		
Connection with Resistor+Diode					
Note:	2 Position Spring return	l	Replace 2P with 2PSR		
11010 1	2 1 Osition Opining return		Replace Zi With Zi Ol		



ILLUMINATED SELE	CTOR WITH LED				
	TYPE	Colour of LED / Lens	ORDERING CODE		
	2 Position Stayput illuminated selector actuator				
		Yellow LED / White Lens	P2ASLR1L-XXXXX		
	Integral LED	White LED / White Lens	P2ASLR1L(S)-XXXXX		
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-XXXXX		
	110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-XXXXX		
2 LHA SALLES	230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-XXXXX		
LED (F SHOVAC 2 DO.		Blue LED / Blue Lens	P2ASLR6L-XXXXX		
(4)		Yellow LED / Clear Lens	P2ASLR7L-XXXXX		
		White LED / Clear Lens	P2ASLR7L(S)-XXXXX		
luta mad I ED		Yellow LED / Yellow Lens	P2ASLR8L-XXXXX		
Integral LED	Please ment	ion the voltage required after the order	ring code		
		Yellow LED Bulb / White Lens	P2ASL1LB-XXXXX		
	LED Bulb	White LED Bulb / White Lens	P2ASL1LB(S)-XXXXX		
	BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-XXXXX		
		Red LED Bulb / Red Lens	P2ASL4LB-XXXXX		
		Amber LED Bulb / Amber Lens	P2ASL5LB-XXXXX		
in the state of th	<u> </u>	Blue LED Bulb / Blue Lens	P2ASL6LB-XXXXX		
and the same of th	24V AC/DC,	Yellow LED Bulb / Clear Lens	P2ASL7LB-XXXXX		
4105	110VAC, 110VDC	White LED Bulb/ Clear Lens	P2ASL7LB(S)-XXXXX		
	230VAC, 220VDC	Yellow LED Bulb / Yellow Lens	P2ASL8LB-XXXXX		
LED Bulb	•	ion the voltage required after the order			
	i reace men		ing code		
	 	Yellow LED / White Lens	P2ASLR1LF-XXXXX		
	Integral LED	White LED / White Lens	P2ASLR1LF(S)-XXXXX		
	24V, 110V, 230V, AC	Green LED / Green Lens	P2ASLR3LF-XXXXX		
	2-10, 1104, 2004, AO	Red LED / Red Lens	P2ASLR4LF-XXXXX		
1	 	Amber LED / Amber Lens	P2ASLR5LF-XXXXX		
ZUKR 240 Ac **	 	Blue LED / Blue Lens	P2ASLR6LF-XXXXX		
Step and Act of the Step a	 	Yellow LED / Clear Lens	P2ASLR7LF-XXXXX		
120	 	White LED / Clear Lens	P2ASLR7LF(S) -XXXXX		
	 	Yellow LED / Yellow Lens	P2ASLR8LF-XXXXX		
Flasher	Please ment	ion the voltage required after the order			
i idonoi	I lease illetit	ion the voltage required after the order	ing oodo		
T	1		XXXXX		
1 0,	Stayput		2P		
<u> </u>	- Cayput				
	+ + + + + + + + + + + + + + + + + + + +				
2 Q	Spring return		2PSR		
<u> </u>	Spring return		ZFOR		
	~				
	+	VVVVV Demotor Otera I I I I I I			
		XXXXX - Denotes Standard Execution	n .		



ILLUMINATED SELI	ECTOR WITH BULB					
	ТҮРЕ	COLOUR	ORDERING CODE			
	3 Position Stayput illuminated selector actuator					
-		White	P2ASL1-3P			
NAME OF THE PARTY	Filament bulb	Green	P2ASL3-3P			
	6V to 130V AC/DC with	Red	P2ASL4-3P			
Par		Amber	P2ASL5-3P			
Sing CE		Blue	P2ASL6-3P			
Court Service Court		Clear	P2ASL7-3P			
4103		Yellow	P2ASL8-3P			
Direct Connection	Please mentio	n the voltage required after the	ordering code			
NAME:		White	P2ASLR1-3P			
	Filament bulb	Green	P2ASLR3-3P			
	6V to 130V AC/DC	Red	P2ASLR4-3P			
ACCOUNTS CE	230V AC/DC	Amber	P2ASLR5-3P			
Out To and I wanted		Blue	P2ASLR6-3P			
4101		Clear	P2ASLR7-3P			
Connection with		Yellow	P2ASLR8-3P			
Resistor	Please mentio	n the voltage required after the	ordering code			
AMP		White	P2ASLR1-3P 230V AC			
	2	Green	P2ASLR3-3P 230V AC			
Parmen	230V AC	Red	P2ASLR4-3P 230V AC			
21/8 CE		Amber	P2ASLR5-3P 230V AC			
		Blue	P2ASLR6-3P 230V AC			
40		Clear	P2ASLR7-3P 230V AC			
Connection with		Yellow	P2ASLR8-3P 230V AC			
Resistor+Diode						
	O O O 3 Position S	Spring return	Replace 3P with 3PSR			
SELECTOR						
2	O O 3 Position Spr	ing return Left	Replace 3P with 3PSRL			
 ॲ 	→ N/	<u>, </u>				
I ∷	-					
N N	Q Q O 3 Position Spri	a a a a trans Dialet	Daniera OD III ODODO			
3	3 Position Spri	ng return Right	Replace 3P with 3PSRR			
F	2 Decition Contract actions whele III	uningted Calastan Astron	Dod 440\/ DC			
Example :	3 Position Spring return right IIIu	uminated Selector Actuator,	Rea, 110V DC			
Oraering (Code: 2ASLR4 - 3PSRR 110V D					



ILLUMINATED SELECTOR WITH LED							
		TYPE		Colour of LED / Lens	ORDERING CODE		
		3 Position Illuminated Selector Actuator					
				Yellow LED / White Lens	P2ASLR1L-XXXXX		
		Integral LED	ı	White LED / White Lens	P2ASLR1L(S)-XXXXX		
A SEC			, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-XXXXX		
		110VAC, 110	VDC,	Red LED / Red Lens	P2ASLR4L-XXXXX		
AL TRESSIES Q		230VAC, 220	VDC	Amber LED / Amber Lens	P2ASLR5L-XXXXX		
LED (STATE OF THE PARTY OF THE				Blue LED / Blue Lens	P2ASLR6L-XXXXX		
CE				Yellow LED / Clear Lens	P2ASLR7L-XXXXX		
				White LED / Clear Lens	P2ASLR7L(S)-XXXXX		
Integr	al LED			Yellow LED / Yellow Lens	P2ASLR8L-XXXXX		
og.			Please menti	on the voltage required after the	ordering code		
10	7.			Yellow LED Bulb / White Lens	P2ASL1LB-XXXXX		
		LED Bulb		White LED Bulb / White Lens	P2ASL1LB(S)-XXXXX		
		BA9S type		Green LED Bulb / Green Lens	P2ASL3LB-XXXXX		
Tables (C	10.7	24V AC/DC,		Red LED Bulb / Red Lens	P2ASL4LB-XXXXX		
- 60 min		110VAC, 110VDC		Amber LED Bulb / Amber Lens	P2ASL5LB-XXXXX		
418		230VAC, 220VDC		Blue LED Bulb / Blue Lens	P2ASL6LB-XXXXX		
				Yellow LED Bulb / Clear Lens	P2ASL7LB-XXXXX		
				White LED Bulb/ Clear Lens	P2ASL7LB(S)-XXXXX		
				Yellow LED Bulb / Yellow Lens	P2ASL8LB-XXXXX		
LED	Bulb		Please menti	on the voltage required after the	ordering code		
)	DOACLDALE VVVVV		
		late and LED		Yellow LED / White Lens	P2ASLR1LF-XXXXX		
		Integral LED		White LED / White Lens	P2ASLR1LF(S)-XXXXX		
		24V, 110V, 2	30V, AC	Green LED / Green Lens	P2ASLR3LF-XXXXX		
		<u> </u>		Red LED / Red Lens	P2ASLR4LF-XXXXX		
TREME Q				Amber LED / Amber Lens	P2ASLR5LF-XXXXX		
SEA STREET				Blue LED / Blue Lens	P2ASLR6LF-XXXXX		
140				Yellow LED / Clear Lens	P2ASLR7LF-XXXXX		
		-		White LED / Clear Lens	P2ASLR7LF(S)-XXXXX P2ASLR8LF-XXXXX		
Flas	sher		Please menti	Yellow LED / Yellow Lens on the voltage required after the			
1 103	J.101	<u> </u>	i ioaoo iiiciili	on and voltage required after the	ordoning dodd		
					XXXXX		
	a	ρ <u> </u>					
1			Stayput		3P		
2	a	100 <u> </u>					
		••	Spring return	1	3PSR		
		0					
3	~~``\	(*).v		<u> </u>			
		<u> </u>	Spring return	n Kight	3PSRR		
4	<u> </u>		<u> </u>		0.000-1		
			Spring return		3PSRL		
	•	XXXXX - Denotes Standard Execution					



TWIN ILLUMINATED	ACTUATORS WITH BULB					
	Туре	COLOUR	ORDERING CODE			
	Illuminated Twin Flush (Illuminated Twin Flush (IO) Marked				
NAME OF TAXABLE PARTY.	Filament Bulb					
	6V to 130V AC/DC	Red	P2ATL5 F3F4 (IO)			
PREMICT CE		Green Amber Lens				
		Amber Lens				
Direct Connection	Please mention the v	 /oltage required	after the ordering code			
*			J			
N. H.	Filament Bulb					
	24V,48V,130V,230V AC/DC	Red	P2ATLR5 F3F4 (IO)			
Truster		Green				
and the		Amber Lens				
Connection with Resistor	Please mention the	oltage required	l after the ordering code			
-						
AND.	Filament bulb	5 .	DOATI DE ESEA ((C) 200) (: 0			
	230 V AC	Red	P2ATLR5 F3F4 (IO) 230V AC			
The same of the sa		Green				
- AUSTINE						
and		Amber Lens				
The state of the s		Amber Lens				
Connection with		Amber Lens				
Connection with Resistor + Diode		Amber Lens				
	Illuminated 1 Flush, 1 Pr) Marked			
) Marked			
	Filament Bulb	rojecting (IO				
		rojecting (IO) Marked P2ATL5 F3P4 (IO)			
	Filament Bulb	Green Red				
	Filament Bulb	rojecting (IO				
	Filament Bulb 6V to 130V AC/DC	Green Red Amber Lens				
Resistor + Diode	Filament Bulb 6V to 130V AC/DC Please mention the v	Green Red Amber Lens	P2ATL5 F3P4 (IO)			
Resistor + Diode	Filament Bulb 6V to 130V AC/DC Please mention the v Filament Bulb	Green Red Amber Lens	P2ATL5 F3P4 (IO) after the ordering code			
Resistor + Diode	Filament Bulb 6V to 130V AC/DC Please mention the v	Green Red Amber Lens //oltage required	P2ATL5 F3P4 (IO)			
Resistor + Diode	Filament Bulb 6V to 130V AC/DC Please mention the v Filament Bulb	Green Red Amber Lens //oltage required Green Red	P2ATL5 F3P4 (IO) after the ordering code			
Resistor + Diode	Filament Bulb 6V to 130V AC/DC Please mention the v Filament Bulb	Green Red Amber Lens //oltage required	P2ATL5 F3P4 (IO) after the ordering code			
Resistor + Diode	Filament Bulb 6V to 130V AC/DC Please mention the v Filament Bulb	Green Red Amber Lens //oltage required Green Red	P2ATL5 F3P4 (IO) after the ordering code			
Direct Connection	Filament Bulb 6V to 130V AC/DC Please mention the village of the second	Green Red Amber Lens Oltage required Green Red Amber Lens	P2ATL5 F3P4 (IO) I after the ordering code P2ATLR5 F3P4 (IO)			
Resistor + Diode	Filament Bulb 6V to 130V AC/DC Please mention the village of the second	Green Red Amber Lens Oltage required Green Red Amber Lens	P2ATL5 F3P4 (IO) after the ordering code			
Direct Connection Connection with	Filament Bulb 6V to 130V AC/DC Please mention the v Filament Bulb 24V,48V,130V,230V AC/DC Please mention the v	Green Red Amber Lens Oltage required Green Red Amber Lens	P2ATL5 F3P4 (IO) I after the ordering code P2ATLR5 F3P4 (IO)			
Direct Connection Connection with	Filament Bulb 6V to 130V AC/DC Please mention the v Filament Bulb 24V,48V,130V,230V AC/DC Please mention the v Filament bulb	Green Red Amber Lens //oltage required Amber Lens	P2ATL5 F3P4 (IO) after the ordering code P2ATLR5 F3P4 (IO) after the ordering code			
Direct Connection Connection with	Filament Bulb 6V to 130V AC/DC Please mention the v Filament Bulb 24V,48V,130V,230V AC/DC Please mention the v	Green Red Amber Lens //oltage required Amber Lens //oltage required Green Red Amber Lens //oltage required	P2ATL5 F3P4 (IO) I after the ordering code P2ATLR5 F3P4 (IO)			
Direct Connection Connection with	Filament Bulb 6V to 130V AC/DC Please mention the v Filament Bulb 24V,48V,130V,230V AC/DC Please mention the v Filament bulb	Green Red Amber Lens //oltage required Amber Lens //oltage required //oltage required //oltage required //oltage required	P2ATL5 F3P4 (IO) after the ordering code P2ATLR5 F3P4 (IO) after the ordering code			
Direct Connection Connection with	Filament Bulb 6V to 130V AC/DC Please mention the v Filament Bulb 24V,48V,130V,230V AC/DC Please mention the v Filament bulb	Green Red Amber Lens //oltage required Amber Lens //oltage required Green Red Amber Lens //oltage required	P2ATL5 F3P4 (IO) after the ordering code P2ATLR5 F3P4 (IO) after the ordering code			
Direct Connection Connection with	Filament Bulb 6V to 130V AC/DC Please mention the v Filament Bulb 24V,48V,130V,230V AC/DC Please mention the v Filament bulb	Green Red Amber Lens //oltage required Amber Lens //oltage required //oltage required //oltage required //oltage required	P2ATL5 F3P4 (IO) after the ordering code P2ATLR5 F3P4 (IO) after the ordering code			
Direct Connection Connection with	Filament Bulb 6V to 130V AC/DC Please mention the v Filament Bulb 24V,48V,130V,230V AC/DC Please mention the v Filament bulb	Green Red Amber Lens //oltage required Amber Lens //oltage required //oltage required //oltage required //oltage required	P2ATL5 F3P4 (IO) after the ordering code P2ATLR5 F3P4 (IO) after the ordering code			



TWIN ILLUMINATED ACTUATORS WITH LED						
	ТҮРЕ	COLOUR	ORDERING CODE			
	Twin Illuminated 1 Flush	ed 1 Flush, 1 Projecting				
	Integral LED	Green	P2ATLR5L F3P4 (IO)			
	6V, 12V, 24V, 48V AC/DC	Red	FZATERSE F3F4 (IO)			
AL.	110VAC, 110VDC,	Amber Lens / Amb	er I FD			
EDIT SO AC	230VAC, 220VDC	/ WIDOT LONG / / WID				
D ((
Integral	Please mention the vo	 Itage required after t	the ordering code			
g. s						
	LED Bulb	Green	P2ATLR5LB F3P4 (IO)			
	BA9S type	Red				
Tables (24V AC/DC,	Amber Lens / Amb	er LED			
-180m	110VAC, 110VDC					
12	230VAC, 220VDC					
Bayonet Bulb	Please mention the vo	 Itage required after t	the ordering code			
2,7 2 123 2 2112		<u> </u>	3			
	Integral LED	Green	P2ATLR5LF3P4 (IO)F			
	24V, 110V, 230V, AC	Red				
		Amber Lens / Amb	er LED			
TED A BOOK (**						
1 (6						
	Please mention the vo	Itage required after t	the ordering code			
Flasher						



TWIN ILLUMINATE	D ACTUATORS WITH L	.ED							
	TYPE	YPE COLOUR ORDERING CODE							
	Twin Illuminated Flush	(IO) Marked							
	Integral LED	Green	P2ATLR5L F3F4 (IO)						
	6V, 12V, 24V, 48V AC/DC	Red							
N. T. L.	110VAC, 110VDC,	Amber Lens / Amber LED							
EDITO SAO AC 'M	230VAC, 220VDC								
"									
Integral	Please mention th	ne voltage required after the	ordering code						
	LED Bulb								
	BA9S type	Green	P2ATLR5LB F3F4 (IO)						
	24V AC/DC,	Red	,						
Tables to a	110VAC, 110VDC	Amber Lens / Amber LED							
	230VAC, 220VDC								
18									
Bayonet Bulb	Please mention the	Inevoltage required after the	ordering code						
	Integral LED	Green	P2ATLR5LF F3F4 (IO)						
	24V, 110V, 230V, AC	Red							
THE THE PART OF TH		Amber Lens / Amber LED							
ED TO THE PARTY OF									
	DI	10 1 1 1 1 1							
Flashan	Please mention th	ne voltage required after the	ordering code						
Flasher									



PILOT LIGHTS WITH BULB					
	TYPE		COLOUR	ORDERING CODE	
	Pilot L	ight			
-			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	DOD! D4	
			White	P2PLB1	
	Filament Bu		Green	P2PLB3	
	6V to 130V	AC/DC	Red	P2PLB4	
STATES CE			Amber	P2PLB5	
Santa Ma			Blue	P2PLB6	
1108			Clear	P2PLB7	
Discussion of the second of th			Yellow	P2PLB8	
Direct Connection					
200			White	P2PLBR1	
	Filament Bu	ılb	Green	P2PLBR3	
			Red	P2PLBR3 P2PLBR4	
Taggies co	240,480,130	0V,230V AC/DC		P2PLBR4 P2PLBR5	
Sandy Comment			Amber Blue	P2PLBR5 P2PLBR6	
1101				P2PLBR6 P2PLBR7	
Connection with			Clear Yellow	P2PLBR7 P2PLBR8	
Resistor			reliow	FZFLDRO	
110313101					
***			White	P2PLBR1240AC	
	Filament bu	lh	Green	P2PLBR3240AC	
	230 V AC		Red	P2PLBR4240AC	
Takenes CE	200 V A0		Amber	P2PLBR5240AC	
Contract of the second			Blue	P2PLBR6240AC	
			Clear	P2PLBR7240AC	
Connection with			Yellow	P2PLBR8240AC	
Resistor + Diode			. 3		
-	Filament bu	lb	White	P2PLBT1XX/YYY	
			Green	P2PLBT3XX/YYY	
			Red	P2PLBT4XX/YYY	
FRANCE B	SEC	PRI	Amber	P2PLBT5XX/YYY	
No. of the second	6	110	Blue	P2PLBT6XX/YYY	
No.	12		Clear	P2PLBT7XX/YYY	
	24	240	Yellow	P2PLBT8XX/YYY	
Connection with				XX - Secondary Voltage	
Transformer				YYY - Primary Voltage	



PILOT LIGHTS WITH	ILED		
	ТҮРЕ	Colour of LED / Lens	ORDERING CODE
	Pilot Light		
		Yellow LED / White Lens	P2PLBR1L
	Integral LED	White LED / White Lens	P2PLBR1L(S)
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2PLBR3L
	110VAC, 110VDC,	Red LED / Red Lens	P2PLBR4L
AL TERRITOR OF	230VAC, 220VDC	Amber LED / Amber Lens	P2PLBR5L
LED & BOOK 1		Blue LED / Blue Lens	P2PLBR6L
(4)		Yellow LED / Clear Lens	P2PLBR7L
		White LED / Clear Lens	P2PLBR7L(S)
Integral	Please mentio	Yellow LED / Yellow Lens on the voltage required after the or	P2PLBR8L
integral	Please mentic	I	dening code
		Valland ED Dolla / White Land	P2PLB1LB
	LED Bulb	Yellow LED Bulb / White Lens	P2PLB1LB(S)
		White LED Bulb / White Lens	P2PLB3LB
	BA9S type 24V AC/DC,	Green LED Bulb / Green Lens Red LED Bulb / Red Lens	P2PLB3LB P2PLB4LB
			P2PLB5LB
The state of the s	110VAC, 110VDC 230VAC, 220VDC	Amber LED Bulb / Amber Lens Blue LED Bulb / Blue Lens	P2PLB3LB P2PLB6LB
	230VAC, 220VDC	Yellow LED Bulb / Clear Lens	P2PLB7LB
		White LED Bulb/ Clear Lens	P2PLB7LB(S)
		Yellow LED Bulb / Yellow Lens	P2PLB8LB
Bayonet Bulb	Please mention	on the voltage required after the or	
Bayonot Bailo	T lease mente		doming dodd
		Yellow LED / White Lens	P2PLBR1LF
	Integral LED	White LED / White Lens	P2PLBR1LF(S)
	24V, 110V, 230V, AC	Green LED / Green Lens	P2PLBR3LF
	, , , , , , , , , , , , , , , , , , , ,	Red LED / Red Lens	P2PLBR4LF
		Amber LED / Amber Lens	P2PLBR5LF
S DICH 340 AC 1		Blue LED / Blue Lens	P2PLBR6LF
CE CE		Yellow LED / Clear Lens	P2PLBR7LF
No.		White LED / Clear Lens	P2PLBR7LF(S)
		Yellow LED / Yellow Lens	P2PLBR8LF
Flasher	Please mention	the voltage required after the o	rdering code
	Integral I ED	Yellow LED / White Lens	P2PLBR1LU
	Integral LED 24V upto 240V AC/DC	White LED / White Lens Green LED / Green Lens	P2PLBR1LU(S) P2PLBR3LU
	244 upto 2404 AO/DC	Red LED / Red Lens	P2PLBR3LU P2PLBR4LU
1		Amber LED / Amber Lens	P2PLBR5LU
		Blue LED / Blue Lens	P2PLBR6LU
		Yellow LED / Clear Lens	P2PLBR7LU
		White LED / Clear Lens	P2PLBR7LU(S)
		Yellow LED / Yellow Lens	P2PLBR8LU
Integral			



LED PILOT LIGHTS ECONOMIC SERIES					
	Туре	Colour of LED / Lens	ORDERING CODE		
THE STATE OF THE S	Integral LED	Yellow LED / White Lens	3PLBR1L		
	6V, 12V, 24V, 48V AC/DC	White LED / White Lens	3PLBR1L(S)		
	110VAC, 110VDC,	Green LED / Green Lens	3PLBR3L		
	230VAC, 220VDC	Red LED / Red Lens	3PLBR4L		
**************************************		Amber LED / Amber Lens	3PLBR5L		
3PLBRI 110~		Blue LED / Blue Lens	3PLBR6L		
1609		Yellow LED / Clear Lens	3PLBR7L		
		White LED / Clear Lens	3PLBR7L(S)		
		Yellow LED / Yellow Lens	3PLBR8L		
	Please mention the voltage	required after the ordering cod	e		
			051.55 (111		
" A CONTROL OF THE PROPERTY OF	Integral LED	Yellow LED / White Lens	3PLBR1LU		
The state of the s	24V upto 240V AC/DC	White LED / White Lens	3PLBR1LU(S)		
		Green LED / Green Lens	3PLBR3LU		
The same of the sa		Red LED / Red Lens	3PLBR4LU		
		Amber LED / Amber Lens	3PLBR5LU		
PERRIC® 3PLBAL 220=		Blue LED / Blue Lens	3PLBR6LU		
1609		Yellow LED / Clear Lens	3PLBR7LU		
		White LED / Clear Lens	3PLBR7LU(S)		
		Yellow LED / Yellow Lens	3PLBR8LU		



CONTACT ELEMENTS





TYPE	ORDERING CODE
PANEL MOUNTING	
NORMALLY OPEN SILVER CONTACTS	S1
NORMALLY CLOSED SILVER CONTACTS	S2
NORMALLY OPEN GOLD CONTACTS	S3
NORMALLY CLOSED GOLD CONTACTS	S4
BASE MOUNTING	
NORMALLY OPEN SILVER CONTACTS	S5
NORMALLY CLOSED SILVER CONTACTS	S6
NORMALLY OPEN GOLD CONTACTS	S 7
NORMALLY CLOSED GOLD CONTACTS	S8

SPECIAL PURPOSE ACTUATORS



	TYPE	COLOUR	ORDERING CODE
_			
	Flush Relay	White	P2AF1RR
	Reset Actuators	Black	P2AF2RR
脚片 [Green	P2AF3RR
Value of the second		Red	P2AF4RR
_		Blue	P2AF6RR
		Yellow	P2AF8RR
*All actuators are supplied w	ith fixing flange		

Control and signalling devices Ø 22.5 P series

Ordering instructions

Actuators, illuminated actuators, contact elements, lense assemblies & pilot lights can all be ordered separately or in combination.

Prefix P2 for all actuators and combinations indicates Ø 22.5 P series.

: S1, S3 Note: Actuator mounting

2. The type numbers of contact elements are: NO: S3, S4, S7, S8 are gold plated contacts : S5, S7 Individual mounting NC:

suitable for low voltage, low current : S2, S4 Actuator mounting switching circuits < 25 mA : S6, S8 Individual mounting

3. Some examples of type numbers:

:Type P2AF3 is flush actuator, GREEN

:Type P2PLB4 is pilot light without series resistor, RED Pilot light

Complete pushbutton :Type P2PSF411 is flush pushbutton, RED, with 1NO+1NC contact elements

1NC element S2 1NO element S1 Colour actuator, RED

Ø 22.5 flush type pushbutton

Accessories and spares

Legend plates

Actuator

Legend plates 30 x 40 mm are supplied with the following standard texts: AUTO SLOW RESET ON RIGHT TRIP OPEN START FORWARD UP OFF LEFT POWER ON INCH REVERSE DOWN CLOSE HAND FAST Legend plate Ø 60 mm yellow with black characters for EMERGENCY STOP





Filament bulb

Filament bulb type BA9S, OAL 28mm

Voltage : 6 12 24 30 48 60 130 2 2 2.6 Watts 2 2 2



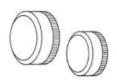
LED bulb

LED multichip bulb type BA9S, OAL 28mm

W V Red Blue Yellow Amber Colour White Green 0.5 MCB9624 MCB9824 24 Type No. : MCB9124 MCB9324 MCB9424 MCB9524 MCB96110 MCB98110 110 1.0 MCB91110 MCB93110 MCB94110 MCB95110

MCB98230 MCB91230 MCB93230 MCB94230 MCB95230 MCB96230 1.0

Lenses Red Amber Blue Clear Yellow Translucent Green Colour of lense : White 2PLL4 2PLL5 2PLL6 2PLL7 2PLL8 2PLL1 2PLL3 For pilot lights with filament bulb 2LAL1 2LAL3 2LAL4 2LAL5 2LAL6 2LAL7 2LAL8 For illuminated actuators with filament bulb



(flush/projecting) For pilot lights 2PLL1L 2PLL3L 2PLL4L 2PLL5L 2PLL6L 2PLL7L 2PLL8L with LED For illuminated 2LAL1L 2LAL3L 2LAL4L 2LAL5L 2LAL6L 2LAL7L 2LAL8L actuators with LED



(flush/projecting)

Adaptor for fixing Ø 22.5 devices in Ø 30.5 cutout.

Type No.: 2ADP

22.5 30.5

Fixing flange Type No.: P2BRK

For mushroom actuator: type no. 2PAM For projecting actuator: type no. 2PAP

Boot for non ill. flush actuator

Colour of Boot : Clear Type No : 2BT7



Boot for flush / projecting illuminated actuator

Colour of Boot : Clear Type No :2ALBT7



Boot for twin actuator

Colour of Boot : Clear Type No : 2ATBT7

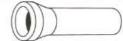


Boot for twin illuminated actuator

Clear Colour of Boot : Type No : 2ATLBT7



Bulb extractor Type No.: 2BA9SE



Blanking plug for Ø 22.5 hole, black

Type No.: 2BP2





Accessories an	d spares				
Standard Lege	end Plates				
1 PC	SITION	2 POSITION			
LEGEND	ORDERING CODE		LEGEND		ORDERING CODE
START	2LP01	STA	∖RT	STOP	2LP28
STOP	2LP02	U	Р	DOWN	2LP29
FORWARD	2LP03	0	N	OFF	2LP30
REVERSE	2LP04	RE	EV.	FWD.	2LP31
UP	2LP05	AU	TO	HAND	2LP32
DOWN	2LP06	LO	CAL	REMOTE	2LP33
OPEN	2LP07			П	2LP34
CLOSE	2LP08)	Į	2LP35
AUTO	2LP09				
HAND	2LP10				
SLOW	2LP11		3	POSITION	
FAST	2LP12		LEGEND		ORDERING CODE
RESET	2LP13	HAND	0	AUTO	2LP36
INCH	2LP14	SLOW	OFF	FAST	2LP37
ON	2LP15	UP	OFF	DOWN	2LP38
OFF	2LP16	l	0	ll l	2LP39
RIGHT	2LP17				
LEFT	2LP18				
TRIP	2LP19			OTHERS	
POWER ON	2LP20		LEGEND		ORDERING CODE
LOCAL	2LP21	BLA	NK ALUMIN	NUM	2LP40
REMOTE	2LP22	EMERG	ENCY STOP	P (60mm)	2LP41
TEST	2LP23				
RUN	2LP24				
R PHASE	2LP25				
Y PHASE	2LP26				
B PHASE	2LP27				
Legend Plates (A	,		Legend Plate 2LP41 (Plastic)		
2LPO1 to 2LP40)	Yellow with Black characters		S	
			for EMERGE	NCY STOP	



Bulbs								
Filament Bulb	s type BA9	3						
Voltage:	6	12	24	30	48	60	130	
Watts:	1	2	2	2	2	2	2.6	
Multichip LED	type BA9S							
Colour:	White	Green	Red	Amber	Blue	Yellow		
Code:	MCB91	MCB93	MCB94	MCB95	MCB96	MCB98		
Please p	ut supply vo	Itage 24 / 48	/ 110AC / 110	DC / 230AC	/ 220 DC after tl	he part no. of L	ED bulbs	

Lenses								
Colour of	Lens:	TransWhite	Green	Red	Amber	Blue	Clear	Yellow
For Pilot lights with Filament Bulb		2PLL1	2PLL3	2PLL4	2PLL5	2PLL6	2PLL7	2PLL8
For Pilot lights with LED		2PLL1L	2PLL3L	2PLL4L	2PLL5L	2PLL6L	2PLL7L	2PLL8L
For Illuminated Actuators (Fil. bulb)		2LAL1	2LAL3	2LAL4	2LAL5	2LAL6	2LAL7	2LAL8
Illuminated Actuators LED		2LAL1L	2LAL3L	2LAL4L	2LAL5L	2LAL6L	2LAL7L	2LAL8L

Boots								
Boots for non-illuminate	Boots for non-illuminated flush actuators							
Colour of Boot:	Transparent							
Type No.	2BT7							

Boots for booted actuators									
Colour of Boot	Black	Green	Red	Blue	Yellow				
Type No.	2BT2	2BT3	2BT4	2BT6	2BT8				

Boot for illuminated flush actuators								
Colour of Boot	Transparent							
Type No.	2ALBT7							

Boot for twin non-illuminated actuators								
Colour of Boot	Transparent							
Type No.	2ATBT7							

Boot for twin i	Boot for twin illuminated actuators								
Colour of Boot:		Transparent							
Type No.		2ATLBT7							



Bulb extractor
Type No.: 2BA9SE
Blanking plug for 22.5 Ø hole, Black
Type No.: 2BP2
Padlock
Padlock for mushroom actuator : Type No. : 2PAM
Padlock for projecting actuator : Type No : 2PAP
Fixing Flange
Type No. : 2BRK
Adaptor for fixing 22.5 Ø devices in 30.5 Ø cutout.
Type No. : 2ADP
Push Push Mechanism to convert momentary actuators into latching type

Type No. : 2PPM

Common types of control and signalling devices Ø 22.5 P series

Description	Type of Actuator or Lense Assembly	Actuator	Contact Elements NO = S1 NC = S2 or Lamp Holder	Type of complete Control or Signalling Device	9 X
Clock Bookholfee	P2AF3	Green	1NO	P2PSF310	s R
Flush Pushbutton	P2AF8	Yellow	2NO+1NC	P2PSF821	112
Designation Durchbutton	P2AP2	Black	2NC	P2PSP202	
Projecting Pushbutton	P2AP4	Red	3NO+3NC	P2PSP433	20
	P2AB3BT7	Green	2NO	P2PSB3BT720	
Booted Pushbutton	P2AB4BT7	Red	2NC	P2PSB4BT702	12
Mushroom Pushbutton	P2AM2	Black	1NO+1NC	P2PSM211	
Spring return	P2AM4	Red	1NC	P2PSM401	8 <u>32</u>
Mushroom Pushbutton	P2AML2	Black	1NC	P2PSML201	
latching turn to release	P2AML4	Red	2NO+2NC	P2PSML422	6 32 H
Mushroom Pushbutton latching, key to release	P2AMLKB4	Red	1NO+1NC	P2PSMLKB411	9 32 II
Selector Actuator(2 Pos)	P2AS2-2P	Black	1NO	P2PSS210-2P	
Selector Actuator(3 Pos)	P2AS2-3P	Black	1NO+1NC	P2PSS211-3P	27
Key Actuator (2 Pos), key removable	P2AK2-2PB		1NO	P2PSK210-2PB	
in both positions Key Actuator (3 Pos), key removable in left & right positions			1NO+1NG	P2PSK211-3PB	8 0 24,21,
Twin Pushbutton marked "I O"	+10/40 WT \$11/2000 HT 17/2011 (A. A.	Flush-Black	< 1 NO	MARTINE AND ADDRESS OF A PARK.	
Flush - Flush	P2ATF2-F4-IO	Flush-Red	1 NC	P2PSTF210-F401-I0	
Twin Pushbutton not marked	P2ATF3-P4	Flush-Gree	n 1NO+1NC	P2PSTF311-P411	130
Flush - Projecting		Proj-Red	1NO+1NC		15 43
Flush Illuminated Pushbutton with integral LED for 24V DC	P2ALRF3L24DC	Green	1NO+1NC	P2PSLRF3L1124E	OC S
Projecting Illuminated Pushbutton with integral LED for 230V AC	P2ALRP4L230AC	Red	1NO+1NC	P2PSLRP4L11230	
Twin Luminous Pushbutton marked "I O" Flush - Flush direct connection (130V)	P2ATL3-F2 -F4 IO130	Lense-Gree Flush-Black Flush-Red		P2PSTL3F211-F401-	10130
Twin Luminous Pushbutton not marked Flush - Projecting with resistance and (230AC)	P2ATLR5-F3 -P4230	Lense-Amb Flush-Gree ProjRed		P2PSTLR5F310-P40	1 230
Pilot Light for direct	P2PLLA3	Green	2LHB130	P2PLB3130	
connection upto 130V	P2PLLA4	Red	2LHB130	2PLPB4130	14 37
Pilot Light through resistor and diode	P2PLLA5	Amber	2LHBR230 AC	P2PLBR5230AC	
for 230 V AC. Bulb:130 V.	P2PLLA6	Blue	2LHBR230 AC	P2PLBR6230AC	1 14 42
Pilot Light with transformer	P2PLLA4	Red	2LHBT230/24	P2PLBT4230/24	
for 230 V Bulb:24 V.	P2PLLA3	Green	2LHBT230/24	P2PLBT3230/24	14 60
Pilot Light with LED bulb for 110V AC Bulb: 110V	P2PLLA5	Amber	2LHLB110	P2PLB5LB110	8 14 37 37 1 37 1 37 1 37 1 37 1 37 1 37
Pilot light economy type with integral LED for 220 DC	-	White	-	3PLBR1L220DC	14, 45

 $Other\ products\ include\ \textit{022.5}\ control gear\ products\ in\ metal\ series,\ \textit{030.5}\ control gear\ products\ and\ aluminium\ /\ plastic\ control\ stations.$

TEKNIC
Website: www.teknic.co.in

Mumbai: 703, Madhava, Bandra Kurla Complex, Bandra East, Mumbai-400 051. Tel.: (022) 26592392 / 94. Fax: (022) 26592391. Email: teknic@vsnl.com Bangalore : 36, SNS Chambers, 239 Sankey Road, Bangalore-560 080. Tel.: (080) 23619348, 23617867, Fax : (080) 23618607. Email : teknic.ofs@satyam.net.in