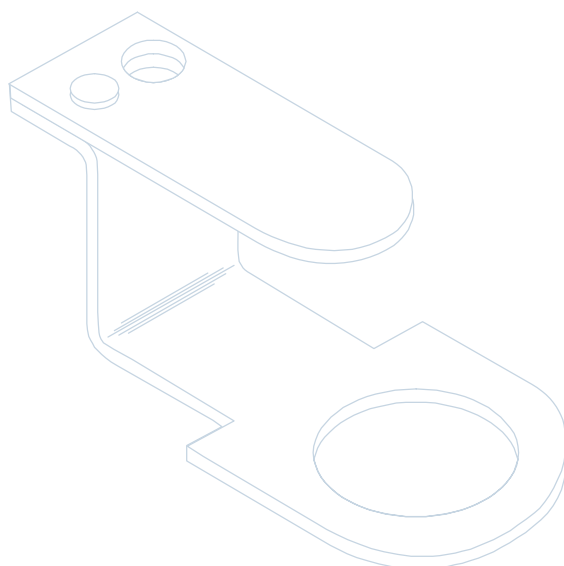


CONTROL & SIGNALLING DEVICES

CONTENTS

Metallic Series 30.5 Ø

TEKNI
C



Characteristics

Environment





Ambient Temperature	Storage	deg C	-40 to +70
	Operating	deg C	-25 to +70
Degree of protection	Conforming to IEC 529		IP65
Mechanical Life in millions of operating cycles	All push-buttons except stayput mushroom		1
	stayput mushroom		0.3

Mechanical Characteristics of contact elements

Contact Operation	NC+NO		Double break, self wiping			
Rated Insulation Voltage	V AC		500			
Operating travel	Pushbuttons	mm	Changing NC state	2.4mm		
			Changing NO state	4.3mm		
			Travel	8.7mm		
Operating force	Pushbuttons	N	Changing from NC to NO state	5.2N		
	Additional Contact Element (x1)	N	Changing from NC to NO state	6.8N		
			Additional Contact Element (x2)	N	Changing from NC to NO state	12.7N
					Additional Contact Element (x3)	N






Terminal Capacity	Cabling	2x1.5 sq.mm or 1x2.5 sq.mm
Contact Material	Bimetal(Cu/Ag)	Standard single element
Short Circuit protection	Conforming to IS6875-II	10A HRC fuse
Rated make break capacity	AC 11 utilisation category Conforming to IS 6875	standard block with screw clamp terminals 415V ,10A
	DC11 utilisation category Conforming to IS 6875	standard block with screw clamp terminals 220V, 2A
Dielectric strength	Push-buttons, Pilot Lights	2500V for 1 minute

MOMENTARY ACTUATORS






		TYPE	COLOUR	ORDERING CODE		
NON ILLUMINATED ACTUATORS		Flush	White	AF1		
			Black	AF2		
			Green	AF3		
			Red	AF4		
			Blue	AF6		
			Yellow	AF8		
		Projecting	White	AP1		
			Black	AP2		
			Green	AP3		
			Red	AP4		
			Blue	AP6		
			Yellow	AP8		
		Booted	White	AB1		
			Black	AB2		
			Green	AB3		
			Red	AB4		
			Blue	AB6		
			Yellow	AB8		
			Voltage	With Res.	Without Res.	
ILLUMINATED ACTUATORS		Illuminated Flush	24,110, 230	White	ALRF1	ALF1
				Green	ALRF3	ALF3
				Red	ALRF4	ALF4
				Amber	ALRF5	ALF5
				Blue	ALRF6	ALF6
				Clear	ALRF7	ALF7
				Yellow	ALRF8	ALF8

* Please add required supply voltage after ordering code.


MUSHROOM ACTUATORS

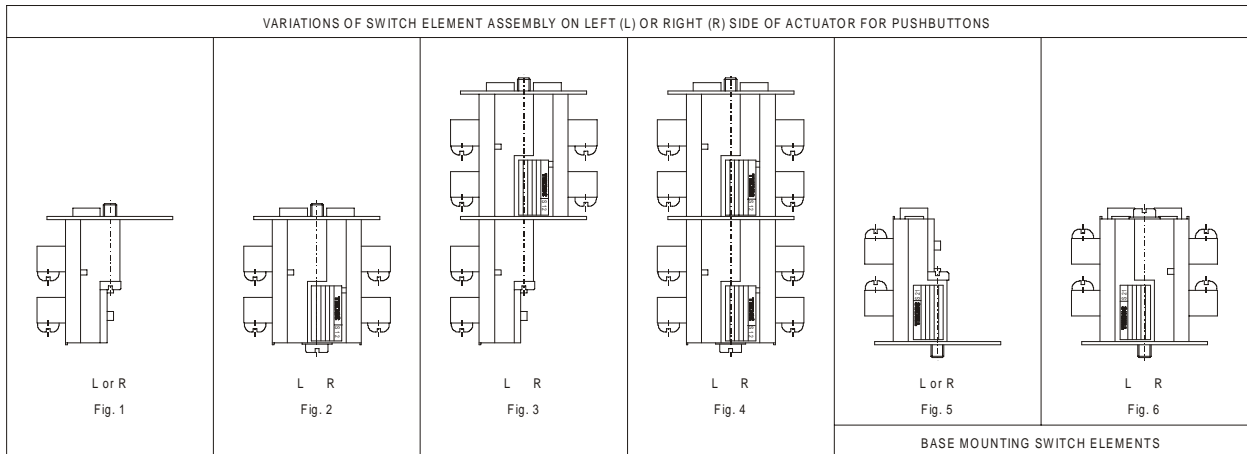
	TYPE	COLOUR	ORDERING CODE
	Momentary	White Black Green Red Blue Yellow	AM1 AM2 AM3 AM4 AM6 AM8
	Momentary Jumbo	White Black Green Red Blue Yellow	AMJ1 AMJ2 AMJ3 AMJ4 AMJ6 AMJ8
	Press to latch turn to release	Black Red	ALM2 ALM4
	Press to Lock key to release	Black Red	AMLKB2 AMLKB4
	Key to Lock key to release	Black Red	AMKB2 AMKB4

SELECTOR ACTUATORS

		TYPE	COLOUR	ORDERING CODE
NON ILLUMINATED ACTUATORS		2 position	Black	AS2-2P
		2 position momentary	Black	AS2-2PSR
		3 position	Black	AS2-3P
		2 position with key		AK2-2PB
		2 position Momentary with key		AK2-2PSR
	3 position with key		AK2-3PB	
	Key to lock Key to release		AKL	

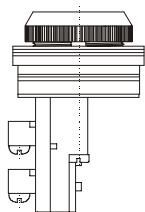
CONTACT ELEMENTS

		TYPE	ORDERING CODE
	PANEL MOUNTING	1NORMALLY OPEN + 1NORMALLY CLOSED SILVER CONTACTS	S11 OR S12
		2NORMALLY OPEN + 2NORMALLY CLOSED SILVER CONTACTS	S11 + S12
	BASE MOUNTING	1NORMALLY OPEN + 1NORMALLY CLOSED SILVER CONTACTS	S21 OR S22
		2NORMALLY OPEN + 2NORMALLY CLOSED SILVER CONTACTS	S21 + S22

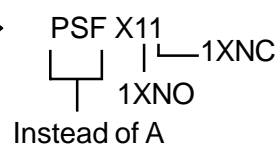


PUSH BUTTONS

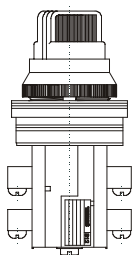
FLUSH PUSHBUTTON



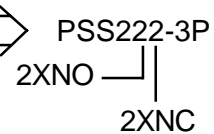
⇒ AFX + S11 = PSFX11 ⇒




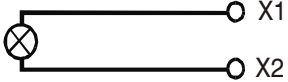

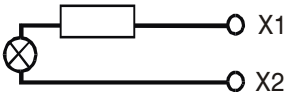

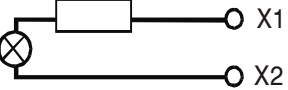

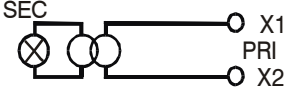

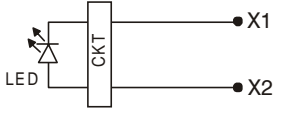
SELECTOR PUSHBUTTON



⇒ AS2 - 3P + S11+S12 = PSS222-3P ⇒



PILOT LIGHT

		VOLTAGE	COLOUR	ORDERING CODE								
FILAMENT BULB	DIRECT	 <p>24, 110 & 230</p> 	White Green Red Amber Blue Clear Yellow	PLB1 PLB3 PLB4 PLB5 PLB6 PLB7 PLB8								
	RESISTOR	 <p>24, 110 & 230</p> 	White Green Red Amber Blue Clear Yellow	PLBR1 PLBR3 PLBR4 PLBR5 PLBR6 PLBR7 PLBR8								
	RESISTOR & SHROUD	 <p>24, 110 & 230</p> 	White Green Red Amber Blue Clear Yellow	PLBR1S PLBR3S PLBR4S PLBR5S PLBR6S PLBR7S PLBR8S								
	TRANSFORMER	 <table border="1" style="margin-left: 20px;"> <tr> <td>SEC</td> <td>PRI</td> </tr> <tr> <td>6</td> <td>110</td> </tr> <tr> <td>12</td> <td></td> </tr> <tr> <td>24</td> <td>240</td> </tr> </table> 	SEC	PRI	6	110	12		24	240	White Green Red Amber Blue Clear Yellow	PLBT1 PLBT3 PLBT4 PLBT5 PLBT6 PLBT7 PLBT8
	SEC	PRI										
6	110											
12												
24	240											
INTEGRAL LED	 <p>6V to 240V AC/DC</p> 	White Green Red Amber Blue Clear Yellow	PLBR1L PLBR3L PLBR4L PLBR5L PLBR6L PLBR7L PLBR8L									

* Please add required supply voltage after ordering code.

Accessories and spares

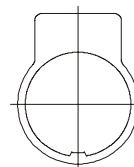
Legend Plates

Legend Plates 30 x 40 mm are supplied with the following standard texts:

START FORWARD UP OPEN AUTO SLOW RESET ON RIGHT TRIP
STOP REVERSE DOWN CLOSE HAND FAST INCH OFF LEFT POWER ON

Legend plate Dia 60mm yellow with black characters for EMERGENCY STOP

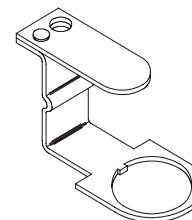
*Customer Specific text can be supplied



Padlock

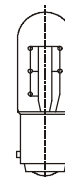
Padlock for mushroom actuator

Padlock for projecting actuator



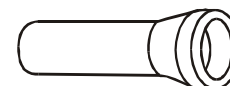
Spare Bulbs

Volt	24	48	110	230	220	500
Watt	7	7	7	7	Neon	Neon



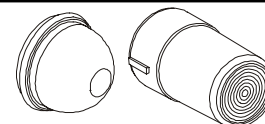
Bulb Extractor

Type No.: 2BA9SE



Lenses

Colour of Lens:	TransWhite	Green	Red	Amber	Blue	Clear	Yellow
For Pilot lights	PLL1	PLL3	PLL4	PLL5	PLL6	PLL7	PLL8
For Illuminated Actuators	ALL1	ALL3	ALL4	ALL5	ALL6	ALL7	ALL8



Rubber boots for booted actuators

Colour of Boot:	White	Black	Green	Red	Blue	Yellow
Ordering Code:	BT1	BT2	BT3	BT4	BT6	BT8

