

### Series P9 Control & Signalling Units



#### Pushbuttons - Standard / Momentary (Plastic Collar)

- Raised/Recessed Cap available on request

Item Code	6-digit	Cap Type	Colour
P9XPNGG	185003	Flush	Yellow
P9XPNLG	185006	Flush	Blue
P9XPNNG	185000	Flush	Black
P9XPNRG	185001	Flush	Red
P9XPNVG	185002	Flush	Green



#### Pushbuttons - Standard / Momentary (Metal Collar)

- Raised/Recessed Cap available on request

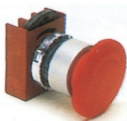
Item Code	6-digit	Cap Type	Colour
P9MPNGG	184003	Flush	Yellow
P9MPNLG	184006	Flush	Blue
P9MPNNG	184000	Flush	Black
P9MPNRG	184001	Flush	Red
P9MPNVG	184002	Flush	Green



#### Pushbuttons - Emergency with Latch (Plastic Collar)

- Positive break in accordance with EN 418

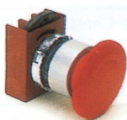
Item Code	6-digit	Head $\phi$	Type
P9XER4RAN	185077	40mm	Twist-to-Release
P9XER4RAW	185078	40mm	Twist-to-Release (+ Indication)



#### Pushbuttons - Mushroom head / Momentary (Plastic Collar)

- Black, Green, Yellow, Blue, White, Brown or Grey Colour Cap available on request

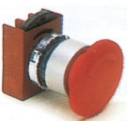
Item Code	6-digit	Head $\phi$	Colour
P9XEM3RN	185031	28mm	Red
P9XEM4RN	185041	40mm	Red
P9XEM6RN	185051	60mm	Red



#### Pushbuttons - Mushroom head / Momentary (Metal Collar)

- Black, Green, Yellow, Blue, White, Brown or Grey Colour Cap available on request

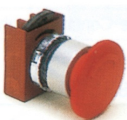
Item Code	6-digit	Head $\phi$	Colour
P9MEM3RN	184031	28mm	Red
P9MEM4RN	184041	40mm	Red
P9MEM6RN	184051	60mm	Red



#### Pushbuttons - Mushroom head / Emergency with Latch (Plastic Collar)

- Black, Green, Yellow, Blue, White, Brown or Grey Colour Cap available on request
- Positive Break / EN418 available on request (Plastic only)

Item Code	6-digit	Head $\phi$	Type
P9XET4RN1	185061	40mm	Pull-to-Release
P9XER3RN	185070	28mm	Twist-to-Release
P9XER4RN	185071	40mm	Twist-to-Release



#### Pushbuttons - Mushroom head / Emergency with Latch (Metal Collar)

- Black, Green, Yellow, Blue, White, Brown or Grey Colour Cap available on request
- Positive Break / EN418 available on request (Plastic only)

Item Code	6-digit	Head $\phi$	Type
P9MET4RN1	184061	40mm	Pull-to-Release
P9MER3RN	184070	28mm	Twist-to-Release
P9MER4RN	184071	40mm	Twist-to-Release



#### Double Function Push-button

Item Code	6-digit	Description
P9DPLVRG00	186881	Double Function P/B w/o Symbols Flush/Flush Green/Red
P9DPLVRG01	186891	Double Function P/B w Symbols Flush/Flush Green/Red
080CPDT	173208	IP66 Clear Silicon Protection Cover

### Selector Switch (Plastic Collar)

- Standard Knob Colour : Black
- Black, Green, Yellow, Blue, White, Brown or Grey Colour Knobs available on request
- Lever option available on request



Item Code	6-digit	Funct. & Pos.	Movement
P9XSMD0N	185110	D - 2 Position	Fixed
P9XSMI0N	185120	I - 2 Position	Fixed
P9XSMD5N	185140	D - 2 Position	Spring-Return
P9XSMZ0N	185200	ZB - 3 Position	Fixed
P9XSMZ1N	185240	ZB - 3 Position	Spring-Ret. L
P9XSMZ3N	185320	ZB - 3 Position	Spring-Ret. L & R
P9XSMZ5N	185280	ZB - 3 Position	Spring-Ret. R

### Selector Switch (Metal Collar)

- Standard Knob Colour : Black
- Black, Green, Yellow, Blue, White, Brown or Grey Colour Knobs available on request
- Lever option available on request



Item Code	6-digit	Funct. & Pos.	Movement
P9MSMD0N	184110	D - 2 Position	Fixed
P9MSMI0N	184120	I - 2 Position	Fixed
P9MSMD5N	184140	D - 2 Position	Spring-Return
P9MSMI5N	184150	I - 2 Position	Spring-Return
P9MSMH1N	184160	H - 2 Position	Spring-Return
P9MSMZ0N	184200	ZB - 3 Position	Fixed
P9MSMZ1N	184240	ZB - 3 Position	Spring-Ret. L
P9MSMZ3N	184320	ZB - 3 Position	Spring-Ret. L & R
P9MSMZ5N	184280	ZB - 3 Position	Spring-Ret. R

### Key Selector Switch (Plastic Collar)

- Standard Knob Colour : Black
- Black, Green, Yellow, Blue, White, Brown or Grey Colour Knobs available on request



Item Code	6-digit	Function	Type & Key Removal
P9XSCD0K95	185402	D - 2 Position	Fixed
P9XSCZ0T95	185439	ZB - 3 Position	Fixed, Pos. 0 & I & II
P9XSCZ1C95	185449	ZB - 3 Position	Spring-Ret. L, Pos. 0
P9XSCZ3C95	185467	ZB - 3 Position	Spring-Ret. L & R, Pos. 0
P9XSCZ5C95	185462	ZB - 3 Position	Spring-Ret. R, Pos. 0

### Key Selector Switch (Metal Collar)

- Standard Knob Colour : Black
- Black, Green, Yellow, Blue, White, Brown or Grey Colour Knobs available on request



Item Code	6-digit	Function	Type & Key Removal
P9MSCD0K95	184402	D - 2 Position	Fixed
P9MSCZ0T95	184439	ZB - 3 Position	Fixed, Pos. 0 & I & II
P9MSCZ1C95	184449	ZB - 3 Position	Spring-Ret. L, Pos. 0
P9MSCZ3C95	184467	ZB - 3 Position	Spring-Ret. L & R, Pos. 0
P9MSCZ5C95	184462	ZB - 3 Position	Spring-Ret. R, Pos. 0

### Selector Switch Function Guide

Type D - Fixed		Type H - Spring Return	
Type D - Spring Return		Type ZB - Fixed	
Type I - Fixed		Type ZB Spring Return Left	
Type I - Spring Return		Type ZB Spring Return Right	
Type H - Fixed		Type ZB Spring Return L&R	

### Illuminated Push Buttons (Plastic Collar)

Item Code	6-digit	Head Type	Colour
P9XPLGGD	185493	Flush	Yellow
P9XPLRGD	185491	Flush	Red
P9XPLVGD	185492	Flush	Green
P9XEM4RL	185551	40mm Mushroom	Red
P9XET4RL1	185561	40mm Mushroom	Red





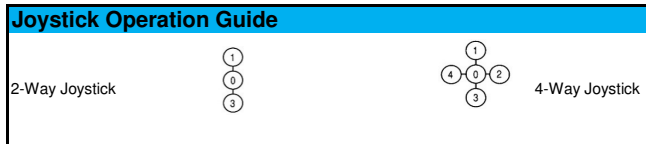
Illuminated Push Buttons (Metal Collar)				
Item Code	6-digit	Head Type	Colour	
P9MPLGGD	184493	Flush	Yellow	
P9MPLRGD	184491	Flush	Red	
P9MPLVGD	184492	Flush	Green	
P9MEM4RL	184551	40mm Mushroom	Red	
P9MET4RL1	184561	40mm Mushroom	Red	



Joysticks (Plastic Collar)				
Item Code	6-digit	Positions	Action	Use with
P9XMN2T	185701	2	Spring - Return	1x P9B11VN
P9XMB2T	185711	2 + interlock	Spring - Return	1x P9B11VN
P9XMN4T	185721	4	Spring - Return	2x P9B11VN
P9XMN4F	185720	4	Maintained	2x P9B11VN



Joysticks (Metal Collar)				
Item Code	6-digit	Positions	Action	Use with
P9MMN2T	184701	2	Spring - Return	1x P9B11VN
P9MMB2T	184711	2 + interlock	Spring - Return	1x P9B11VN
P9MMN4T	184721	4	Spring - Return	2x P9B11VN
P9MMN4F	184720	4	Maintained	2x P9B11VN



Reset Button		
Item Code	6-digit	Description
P9MRG	184771	Reset P/B Metal White-on Blue R
P9XRG	185771	Reset P/B Plastic White-on Blue R



Potentiometer Operator (Pot. not included)		
Item Code	6-digit	Description
P9XZ	185772	Black Potentiometer Operator Plastic
P9MZ	184772	Black Potentiometer Operator Metal



Buzzer		
Item Code	6-digit	Description
P9XBD	185773	Buzzer Black Plastic 24V
P9XBM	185774	Buzzer Black Plastic 110-240V



Standard Pilot Lights (Plastic Collar)				
<ul style="list-style-type: none"> <li>Add Power Supply and B9S Bulb Fitting</li> <li>Orange, Blue, White or Clear Colour Lenses available on request</li> </ul>				
Item Code	6-digit	Lens Colour	Lens Type	For Bulb Type
P9XLGD	185793	Yellow	Diffused	BA9S
P9XLRD	185791	Red	Diffused	BA9S
P9XLVD	185792	Green	Diffused	BA9S
P9XLAD	185795	Orange	Diffused	BA9S
P9XLLD	185796	Blue	Diffused	BA9S
P9XLBD	185797	White	Diffused	BA9S



Standard Pilot Lights (Metal Collar)				
<ul style="list-style-type: none"> <li>Add Power Supply and B9S Bulb Fitting</li> <li>Orange, Blue, White or Clear Colour Lenses available on request</li> </ul>				
Item Code	6-digit	Lens Colour	Type/Colour	For Bulb Type
P9MLGD	184793	Yellow	Diffused	BA9S
P9MLRD	184791	Red	Diffused	BA9S
P9MLVD	184792	Green	Diffused	BA9S
P9MLAD	184795	Orange	Diffused	BA9S
P9MLLD	184796	Blue	Diffused	BA9S
P9MLBD	184797	White	Diffused	BA9S



### Unibloc Pilot Lights

- Add B9S Bulb Fitting
- Diffused Lens

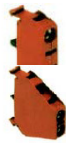
Item Code	6-digit	Lens Colour
P9XUGDD0	185823	Yellow
P9XURDD0	185821	Red
P9XUVDD0	185822	Green
P9XUADD0	185825	Orange
P9XULDD0	185826	Blue
P9XUBDD0	185827	White



### BA9S LED Bulbs (White)

- Different colour available on request

Item Code	6-digit	Voltage (VN AC/DC ± 10%)
BA9S24LEDB	187170	24V
BA9S110LEDB	187180	110V
BA9S230LEDB	187185	220V



### Contact Blocks

Item Code	6-digit	NO Contact	NC Contacts
P9B01VN	187001	-	1
P9B02VN	187008	-	2
P9B10VN	187002	1	-
P9B20VN	187009	2	-
P9B11VN	187000	1	1



### P9 Bulb Holder for BA9S Bulbs

- Add BA9S Bulb Fitting

Item Code	6-digit	Description
P9PDNV0	187020	Power Supply Panel Mount Full Voltage 380Vac/dc
P9PRNVJ	187023	Power Supply Panel Mount Resistor 110/120Vac/dc
P9PRNVN	187024	Power Supply Panel Mount Resistor 220/240Vac/dc



### Accessories Legends & Labels

Item Code	6-digit	Description
P9ARTBS	188000	Legend Holder 30x50mm Background black/red, white text
P9ARTBM	188001	Legend Holder 45x50mm Background black/red, white text
P9ACPBS201	188201	Legend Plate 30x50mm White-on-Black 'STOP'
P9ACPBS202	188202	Legend Plate 30x50mm White-on-Black 'START'
080XTGR02	179526	Yellow Disk Plate 59mm Black-on-Yellow 'EMERGENCY STOP'



### Accessories Hole Plugs, Protection Covers, Flanges, & Locking Wrench

Item Code	6-digit	Description
P9ARHPR	187491	Plug Round 22.5mm
P9ACRCL	187840	Protection Cover Padlockable for P/B
P9ACFS3	187841	Flange 3-Position
P9ACFS5	187842	Flange 5-Position
P9ACDPP	187843	Push-On Push-Off Latching adaptor (for 1P contact only)
P9ACWAF	187845	Locking Ring Wrench



### Pushbuttons - Inserts

- Other Inserts available on request

Item Code	6-digit	Insert Symbol	Colour
P9ARBGN 006	187117	Arrow	Black BG-White Arrow



Push Button Stations			
Item Code	6-digit	Description	
P9EPEG1	189000	Thermoplastic P/B Station Yellow Cover 1-Hole Conduit Entry	
P9EPE01	189001	Thermoplastic P/B Station 1-Hole Conduit Entry	
P9EPE02	189002	Thermoplastic P/B Station 2-Hole Conduit Entry	
P9EPE03	189003	Thermoplastic P/B Station 3-Hole Conduit Entry	
P9EPE04	189004	Thermoplastic P/B Station 4-Hole Conduit Entry	
P9EPE06	189005	Thermoplastic P/B Station 6-Hole Conduit Entry	



Pushbuttons - Standard / Momentary (Plastic Collar) - Base Mount				
● Excludes Flange		● Other colours available on request		
Item Code	6-digit	Cap Type	Colour	
P9YPNRG	185901	Flush	Red	
P9YPNVG	185902	Flush	Green	



Contact Blocks - Base Mount				
Item Code	6-digit	NO Contact	NC Contacts	
P9B01BN	187017	-	1	
P9B10BN	187018	1	-	



Power Supplies for B9S - Base Mount			
Item Code	6-digit	Description	
P9PRNVJ	187023	Power Supply Base Mount Additional Resistor 110/120Vac/dc	
P9PRNVN	187024	Power Supply Base Mount Additional Resistor 220/240Vac/dc	

## Relays and Timers



Protection Relay (45mm Module)			
Item Code	6-digit	Description	
RCF-1 AJ	124433	Frequency Control Relay 110VAC	
RCF-1 EN	124434	Frequency Control Relay 220VAC	
RCF-1 AU	124435	Frequency Control Relay 380VAC	
RSFF1-50AU	124622	Phase Failure & Phase Sequence Relay 380VAC	



Timers (22.5mm Module)			
Item Code	6-digit	Description	
NMTCV2	124901	Delay On Relay 24-240V AC/DC, 2C/O, 0.006s - 100h	
NMRDV 2-6	124915	Delay Off Relay 24-240V AC/DC, 2 C/O, 0.5-6secs	
NMRDV 2-60	124916	Delay Off Relay 24-240V AC/DC, 2 C/O, 5-60secs	
NMRDV 2-600	124917	Delay Off Relay 24-240V AC/DC, 2 C/O, 50-600secs	
NMMFV	124930	Multifunction Relay 24-240V AC/DC, 0.006s - 100h	
NMETV	124908	Star-delta starter relay 24-240VAC, 1C/O 1s - 60s	