PANEL MOUNTING

Standard control units

= + + +

Example: Green push-button in metal, round with flush cap + 2 contacts NO = **P9 MPNVG** + 2x **P9 B10VN**

Illuminated control units

= + + +

Signalling units

= +

Contact blocks

1 NC **P9B01BN** 7,50

1 NO **P9B10BN** 7,50

Metal

Push-button with flush cap
● P9MPNNG	8.50
● P9MPNRG	8.50
● P9MPNVG	8.50
● P9MPNVG	8.50
● P9MPNLG	8.50

Push-button with raised cap
● P9MPNNS	8.50
● P9MPNRS	8.50
● P9MPNVS	8.50
● P9MPNVS	8.50
● P9MPNLS	8.50

Push-button mushroom head Ø 40 mm
● P9MEM4N	16.50
● P9MEM4R	16.50
● P9MEM4V	16.50
● P9M4GN	16.50
● P9MER4RN	38.50

Push-button emergency push-twist to release mushroom head Ø 40 mm
● P9MMSDON	14.50
I-0-II fixed	
● P9MSVDON	14.50
→ ←	
● P9MSMZ3N	16.50

Selector switch with knob
I-II fixed
● P9MSMDON 14.50
I-0-II fixed
● P9MSMZON 14.50
→ ←
I-0-II spring return
● P9MSMZ3N 16.50

Selector switch with lever
I-II fixed
● P9MSVDON 14.50
I-0-II fixed
● P9MSVZON 14.50
→ ←
I-0-II spring return
● P9MSVZ3N 16.50

Selector switch with key (code 3095) key removal in all positions
I-II fixed
● P9MSCDK95 43.50
I-0-II fixed
● P9MSCZ0T95 43.50
→ ←
I-0-II spring return
● P9MSCZ3C95 56.50

Joystick
❶
❷
❸
fixed pos. ● P9MMN2F 85.00
transient pos. ● P9MMN2T 85.00
❶
❷
❸
fixed pos. ● P9MMN4F 115.00
transient pos. ● P9MMN4T 115.00

Contact blocks

1 NC + 1 NO **P9B11VN** 15,00

2 NC **P9B02VN** 15,00

2 NO **P9B20VN** 15,00

1 NC **P9B01VN** 7,50   1NO **P9B10VN** 7,50

Power supplies

Full voltage ⇌ **P9PDNV0** 17,50
BA9S max. 380V-2W not included

Resistor
110/120V ⇌ **P9PRNVJ** 35,00
BA9S 60V-1.2W included
220-240V ⇌ **P9PRNVN** 35,00
BA9S 130V-2W included

Transformer 50/60 Hz
BA9S 6V-1.5W included
110 - 120V **P9PTNVJ** 42.50
220 - 250V **P9PTNVN** 42.50

Multifunction (1)
Full voltage 24V ⇌
P9PDMVD 51,00
BA9S 24V-2W included

Transformer 50/60 Hz
BA9S 6V-0.6W included
110 - 120V **P9PTMVJ** 72.50
220 - 250V **P9PTMVN** 72.50

(1) Y1   Y2   Do not connect for flashing light

Y1   Y2   Link to external contact in order to have steady or flashing light
C = Steady light
C open = Flashing light

Illuminated control units

Illuminated push-button with flush cap
● P9MPLRGD	11.50
● P9MPLVGD	11.50
● P9MPLYGD	11.50
● P9MPLBGD	11.50

Illuminated push-button with raised cap
● P9MPLRSD	10.50
● P9MPLVSD	10.50
● P9MPLYSD	10.50
● P9MPLBSD	10.50

Illuminated push-button with mushroom head Ø 40 mm
● P9MEM4RL	16.50
● P9MEM4VL	16.50
● P9MEM4GL	16.50
● P9MEM4LL	16.50

Illuminated push-button push-pull to release with mushroom head Ø 40 mm
● P9MET4RL1	23.50

Illuminated selector switch
I-II fixed
P9MSLD0* 18.50
I-0-II fixed
P9MSLZ0* 18.50
→ ←
I-0-II spring return
P9MSLZ3* 26.00
* = ● ● ● ●

Signalling units

Pilot light diffused lens
● P9MLDR	6.00
● P9MLVD	6.00
● P9MLGD	6.00
● P9MLBD	6.00

Plastic

Push-button with flush cap
● P9XPNNG	8.50
● P9XPNRG	8.50
● P9XPNVG	8.50
● P9XPNVG	8.50
● P9XPNLG	8.50

Push-button with raised cap
● P9XPNNS	8.50
● P9XPNRS	8.50
● P9XPNVS	8.50
● P9XPNVS	8.50
● P9XPNLS	8.50

Push-button mushroom head Ø 40 mm
● P9XEM4N	16.50
● P9XEM4R	16.50
● P9XEM4V	16.50
● P9XER4RN	38.50

Push-button emergency push-twist to release mushroom head Ø 40 mm
● P9XMSDON 14.50
I-0-II fixed
● P9XMZON 14.50
→ ←
I-0-II spring return
● P9XMSMZ3N 16.50

Push-button emergency with positive break push-twist to release mushroom head Ø 40 mm
● P9XER4RA	38.50

Selector switch with knob
I-II fixed
● P9XSMDON 14.50
I-0-II fixed
● P9XSMZON 14.50
→ ←
I-II spring return
● P9XSMZON 16.50

Selector switch with lever
I-II fixed
● P9XSVDON 14.50
I-0-II fixed
● P9XSVZON 14.50
→ ←
I-II spring return
● P9XSVZIN 16.50

Selector switch with key (code 3095) key removal in all positions
I-II fixed
● P9XSCD0K95 43.50
I-0-II fixed
● P9XSCZ0T95 43.50
→ ←
I-0-II spring return
● P9XSCZ3C95 56.50

Joystick
❶
❷
❸
fixed pos. ● P9XMN2F 85.00
transient pos. ● P9XMN2T 85.00
❶
❷
❸
fixed pos. ● P9XMN4F 115.00
transient pos. ● P9XMN4T 115.00

Illuminated control units (Plastic)

Illuminated push-button with flush cap
● P9XPLRGD	11.50
● P9XPLVGD	11.50
● P9XPLYGD	11.50
● P9XPLBGD	11.50

Illuminated push-button with raised cap
● P9XPLRSD	10.50
● P9XPLVSD	10.50
● P9XPLYSD	10.50
● P9XPLBSD	10.50

Illuminated push-button with mushroom head Ø 40 mm
● P9XEM4RL	16.50
● P9XEM4VL	16.50
● P9XEM4GL	16.50
● P9XEM4LL	16.50

Illuminated push-button push-pull to release with mushroom head Ø 40 mm
● P9XET4RL1	23.50

Illuminated selector switch
I-II fixed
P9XSLD0* 18.50
I-0-II fixed
P9XSLZ0* 18.50
→ ←
I-0-II spring return
P9XSLZ3* 26.00
* = ● ● ● ●

Pilot light diffused lens
● P9XLDR	6.00
● P9XLVD	6.00
● P9XLGD	6.00
● P9XLBD	6.00

Pilot light unibloc
full voltage ⇌ BA9S max. 2W not included
● P9XURDD0	12.00
● P9XUVDD0	12.00
● P9XUGDD0	12.00
● P9XUBDD0	12.00

Power supplies

Full voltage ⇌ **P9PDNV0** 17.50
BA9S max. 380V-2W not included

Resistor
110/120V ⇌ **P9PRNVJ** 35,00
BA9S 60V-1.2W included
220-240V ⇌ **P9PRNVN** 35.00
BA9S 130V-2W included

Plastic (second row)

Push-button with flush cap
● P9SPNNG	8.50
● P9SPNRG	8.50
● P9SPNVG	8.50
● P9SPNVG	8.50
● P9SPNLG	8.50

Push-button with raised cap
● P9SPNNS	8.50
● P9SPNRS	8.50
● P9SPNVS	8.50
● P9SPNVS	8.50
● P9SPNLS	8.50

Push-button mushroom head ⌀ 30 mm
● P9SEM3NN	16.50
● P9SEM3RN	16.50
● P9SEM3VN	16.50
● P9SEM3GN	16.50

Push-button emergency with positive break push-twist to release mushroom head ⌀ 40 mm
● P9SER4RA	38.50

Selector switch with knob
I-II fixed
● P9SSMDON 14.50
I-0-II fixed
● P9SSMZON 14.50
→ ←
I-0-II spring return
● P9SSMZ3N 16.50

Selector switch with key (code 3095) key removal in all positions
I-II fixed
● P9SCD0K95 43.50
I-0-II fixed
● P9SCZ0T95 43.50
→ ←
I-0-II spring return
● P9SCZ3C95 56.50

Double function with indicator light white lens
without symbols
P9DPLVRG00 21.50
with symbols
P9DPLVRG01 21.50

Illuminated control units (Plastic second row)

Illuminated push-button with flush cap
● P9SPLRGD	11.50
● P9SPLVGD	11.50
● P9SPLYGD	11.50
● P9SPLBGD	11.50

Illuminated push-button with raised cap
● P9SPLRSD	10.50
● P9SPLVSD	10.50
● P9SPLYSD	10.50
● P9SPLBSD	10.50

Illuminated push-button with mushroom head ⌀ 30 mm
● P9SEM3RL	16.50
● P9SEM3VL	16.50
● P9SEM3GL	16.50
● P9SEM3LL	16.50

Illuminated push-button push-pull to release with mushroom head Ø 40 mm
● P9SET4RL1	23.50

Illuminated selector switch
I-II fixed
P9SSLD0* 18.50
I-0-II fixed
P9SSLZ0* 18.50
→ ←
I-0-II spring return
P9SSLZ3* 26.50
* = ● ● ● ●

Pilot light diffused lens
● P9SLDR	7.00
● P9SLVD	7.00
● P9SLGD	7.00
● P9SLBD	7.00

BASE MOUNTING

Control units

= + + +

Illuminated control units   Signalling units

Contact blocks

1 NC **P9B01BN** 7,50
1 NO **P9B10BN** 7,50

Plastic

Push-button with flush cap
● P9YPNNG	6.00
● P9YPNRG	6.00
● P9YPNVG	6.00

Push-button with raised cap
● P9YPNNS	6.00
● P9YPNRS	6.00

Push-button mushroom head Ø 40 mm
● P9YEM4RN	14.00

Push-button emergency push-twist to release mushroom head Ø 40 mm
● P9YER4RA	36.00

Selector switch with knob
I-II fixed
● P9YSMDON 12.00
I-0-II fixed
● P9YSMZON 12.00
→ ←
I-0-II spring return
● P9YSMZ3N 14.00

Selector switch with key (code 3095) key removal in all positions
I-II fixed
● P9YSCD0K95 41.00
I-0-II fixed
● P9YSCZ0T95 41.00
→ ←
I-0-II spring return
● P9YSCZ3C95 54.00

Illuminated push-button with flush cap
● P9YPLRGD	9.00
● P9YPLVGD	9.00

Illuminated push-button with raised cap
● P9YPLRSD	8.00
● P9YPLVSD	8.00

Pilot light diffusor lens
● P9YLRD	3.50
● P9YLVD	3.50
● P9YLGD	3.50
● P9YLBD	3.50

Power supplies

Full voltage ⇌ **P9PDNB0** 17.50
BA9S max. 380V-2W not included

Additional resistor
110/120V ⇌ **P9PRNBJ** 14.00
for BA9S 60V-1.2W
220/240V ⇌ **P9PRNBN** 14.00
for BA9S 130V-2W

NOMENCLATURE KEYS (Indicative only. Do not use for orders)

Push-Buttons

P9 **P**

STYLE	FORM	TYPE	CAP COLOUR	PUSH-BUTTON TYPE	LENS TYPE
Panel mounting M = Round satin chrome X = Round plastic S = Square plastic Base mounting Y = Round plastic	P = Push-Button	N = Non illuminated L = Illuminated	N = Black R = Red V = Green G = Yellow L = Blue B = White	G = Flush S = Extended E = Recessed	D = Diffusor for illuminated push-button only

Selector Switches

P9 **S**

STYLE	FORM	TYPE	CAM	SPRING RETURN	COLOUR
Panel mounting M = Round satin chrome X = Round plastic S = Square plastic Base mounting Y = Round plastic	S = Selector switches	M = Knob V = Lever L = Illuminated knob	D = Fixed Z = 3 positions	0 = Fixed 3 = From left & right L → 0 ← R 1 = L ← → 5 ← → R	N = Black R = Red V = Green G = Yellow L = Blue

Pilot Lights

P9 **L**

STYLE	FORM	COLOUR	LENS TYPE
Panel mounting M = Round satin chrome X = Square plastic Base mounting Y = Round plastic	L = Pilot light	R = Red V = Green G = Yellow B = White	D = Diffused R = Refracted V = Glass

Contact Blocks

P9 **B**

FORM	NORMALLY OPEN CONTACTS	NORMALLY CLOSED CONTACTS	TERMINAL TYPE	CONTACT TYPE
B = Contact block	0 = None 1 = 1 NO	0 = None 1 = 1 NC	V = Standard screw B = Base mounting screw F = Faston	N = Normal A = Early closing R = Late opening

Power Supplies

P9 **P**

FORM	TYPE	STYLE	TERMINAL TYPE	VOLTAGE
P = Power supply	D = Full voltage R = Resistor T = Transformer	N = None M = Multi-function (continuous/ blinking) D = Diode L = Long life T = Test	V = Standard screw B = Base mounting screw F = Faston	0 = Full voltage D = 24V∼ J = 110-120V∼ N = 220-240V∼

The complete range is shown in our general Control Catalog

Electrical diagrams for selector switches

Joysticks