



GE Industrial Systems

C2000™ - P9 SERIES 22 mm Pushbuttons Control and pilot units



SERIES P9 - Main features

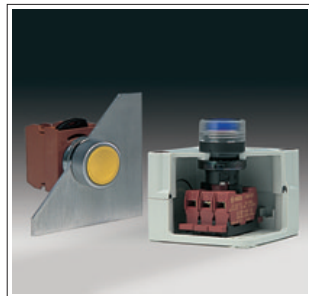


Shape, material and colours

- The P9 line offers three types of operators:
 - round in satin chrome metal
 - round in engineered thermoplastic
 - square in engineered thermoplastic

Modern ergonomic P9 actuators are available in a wide variety of colours and styles, and are the result of superior industrial design experience.

SERIES P9 satisfies any sophisticated industrial applications.

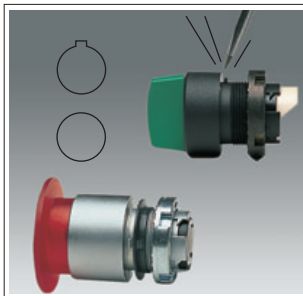


Mounting system

The P9 line offers a wide variety of operators, contact blocks and power supplies for panel mounting.

Furthermore a range of operators, contact blocks and power supplies are available for base mounting.

The base mounting option is simple thanks to plastic enclosures fitted with a standard mounting adaptor, which allows a snap-on and secure fastening.



Fitting and positioning

All the P9 operators are fitted with seal to ensure IP66 degree of protection.

A locating tab on the operator allows the correct positioning on panels with holes drilled according to CENELEC EN 50007 standards (with notch).

The tab also ensures panel stability and prevents unwanted rotations.

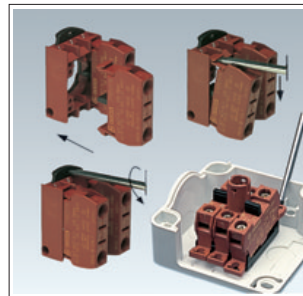
The tab can be removed with a screwdriver for applications in holes without notch.



Rear locking and back mounting procedure

P9 operators are back mounted to the panel by a patented locking ring. The units can be assembled using a standard screwdriver.

As an option, an assembly wrench is available.



Fast mounting

All the P9 rear panel devices are snap-on.

Mounting between panel and operator is accomplished by means of a patented snap-on flange which ensures a fast fitting.

For base mounting, the fitting is done directly on the adaptor inside the enclosures base.

Each single block can be mounted or removed individually.

In panel mounting, it is also possible to install or remove the snap-on mounting flange with the contact block group.

Blocks and/or flange can be disassembled by a standard screwdriver, to simplify operations.



Safety and reliability

The P9 contact blocks are designed to ensure maximum reliability in every condition and to monitor control circuits at low energy levels (12V-5mA minimum), thanks to advanced solution such as:

- four contact points
- high efficiency self-cleaning operation
- silver contacts, properly shaped
- high control pressure.

Common accessories

Bulbs BA9s

Filament type	Vn	Wn		
6	0.6		BA9S606	3.00
6	1.5		BA9S615	3.00
24	2		BA9S242	3.00
30	2.1		BA9S30	3.00
60	1.2		BA9S6012	3.00
130	2		BA9S130	3.00

Multi led Vn AC/DC ± 10%

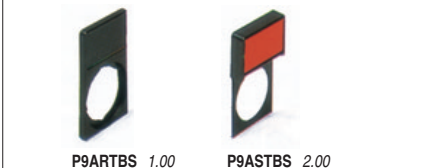
6	BA9S6L	18.00
24	BA9S24L	18.00
48	BA9S48L	18.00
110	BA9S110L	18.00

Colour	red	green	yellow
•	R	V	G

Insert holders

Supplied with neutral insert engravable on both sides

Standard 30 x 50 mm



Round plates

For emergency push-buttons (yellow background) diameter 59 mm



Plugs



Tools



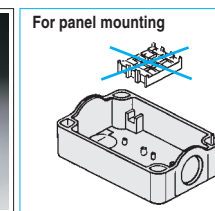
Push-button stations

Empty versions in thermoplastic IP66

Light grey coloured
Panel or base mounted



Cover with holes
Knockouts conduit entry



No of holes	
1 (yellow cover)	
2	
3	
4	
6	

P9EPEG1	15.00
P9EPE01	15.00
P9EPE02	17.50
P9EPE03	22.50
P9EPE04	32.00
P9EPE06	49.00

Accessories

Write-on plates

Bilaminated, self adhesive, 20 x 20 mm
Black background engravable for white texts

Without text		P9AELN	
With text (1)	START	P9AELN202	1.50
	STOP	P9AELN201	1.50
	FORWARD	P9AELN214	1.50
	REVERSE	P9AELN215	1.50
	CLOSE	P9AELN205	1.50
	OPEN	P9AELN206	1.50
	UP	P9AELN204	1.50
	DOWN	P9AELN203	1.50
	LEFT	P9AELN222	1.50
	RIGHT	P9AELN224	1.50
(1) Other languages on request			
With symbols	→	P9AELN006	1.50
	I	P9AELN028	1.50
	0	P9AELN029	1.50
	II	P9AELN035	1.50
	III	P9AELN038	1.50
	0-I	P9AELN039	1.50
	I-0-II	P9AELN042	1.50
Earth terminal clamp		P9AEMT	1.00

Empty versions in aluminium alloy

Grey coloured RAL 7012 - Panel mounting

Cover with holes

No. of holes	
1	
1	
2	
2	
3	
4	
4	
6	
8	
12	
18	
24	

080SP1	30.00
080SP1M	35.00
080SP2	35.00
080SP2M	42.00
080SP3	42.00
080SP4	43.00
080SP4M	51.00
080SP6	53.00
080SP8	63.00
080SP12	83.00
080SP18	113.00
080SP24	143.00

Equipped versions in thermoplastic IP66



One unit

(Request pricing from local GE sales engineer)

Operators	Colour	Diagram	Namepl.
Flush push-button	green	$\begin{matrix} 13 \\ 4 \end{matrix}$	I
Flush push-button	white	$\begin{matrix} 13 \\ 4 \end{matrix}$	I
Flush push-button	red	$\begin{matrix} 1 \\ 2 \end{matrix}$	0
Flush push-button	black	$\begin{matrix} 1 \\ 2 \end{matrix}$	0
Emergency push-button with latch according to EN418 (on yellow cover)	red	$\begin{matrix} 1 \\ 2 \end{matrix}$	0
Key selector switch with 2 pos.	-	$\begin{matrix} 1 \\ 2 \end{matrix}$	$\begin{matrix} 13 \\ 4 \end{matrix}$ 0-1



Two units

(Request pricing from local GE sales engineer)

Operators	Colour	Diagram	Namepl.
Flush push-buttons	green	$\begin{matrix} 13 \\ 4 \end{matrix}$	I
Flush push-buttons	red	$\begin{matrix} 1 \\ 2 \end{matrix}$	0
Flush push-buttons	white	$\begin{matrix} 13 \\ 4 \end{matrix}$	I
Flush push-buttons	black	$\begin{matrix} 1 \\ 2 \end{matrix}$	0
Flush push-buttons	white	$\begin{matrix} 13 \\ 4 \end{matrix}$	I
Flush push-buttons	black	$\begin{matrix} 1 \\ 2 \end{matrix}$	0
Flush push-buttons	white	$\begin{matrix} 13 \\ 4 \end{matrix}$	I
Flush push-buttons	black	$\begin{matrix} 1 \\ 2 \end{matrix}$	0

The catalogue numbers in **bold** are available from stock.



Three units

(Request pricing from local GE sales engineer)

Operator	Colour	Diagram	Namepl.
Full voltage pilot light BA9S max 380V-2W not incl.	white	$\begin{matrix} x1 \\ x2 \end{matrix}$	blank
Flush push-buttons	green	$\begin{matrix} 13 \\ 4 \end{matrix}$	I
Flush push-buttons	red	$\begin{matrix} 1 \\ 2 \end{matrix}$	0
Full voltage pilot light BA9S max 380V-2W not incl.	white	$\begin{matrix} x1 \\ x2 \end{matrix}$	blank
Flush push-buttons	white	$\begin{matrix} 13 \\ 4 \end{matrix}$	I
Flush push-buttons	black	$\begin{matrix} 1 \\ 2 \end{matrix}$	0
Resistor + diode pilot light 220/240V AC BA9S 130V-2W incl.	white	$\begin{matrix} x1 \\ x2 \end{matrix}$	blank
Flush push-buttons	green	$\begin{matrix} 13 \\ 4 \end{matrix}$	I
Flush push-buttons	red	$\begin{matrix} 1 \\ 2 \end{matrix}$	0
Resistor + diode pilot light 220/240V AC BA9S 130V-2W incl.	white	$\begin{matrix} x1 \\ x2 \end{matrix}$	blank
Flush push-buttons	white	$\begin{matrix} 13 \\ 4 \end{matrix}$	I
Flush push-buttons	black	$\begin{matrix} 1 \\ 2 \end{matrix}$	0
Flush push-buttons	black	$\begin{matrix} 13 \\ 4 \end{matrix}$	↑
Flush push-buttons	red	$\begin{matrix} 1 \\ 2 \end{matrix}$	0
Flush push-buttons	black	$\begin{matrix} 13 \\ 4 \end{matrix}$	↓

Customised versions on request.



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Ref. C43898EU 5.0 Ed. 12/01
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