







Shape, material and colours Mounting system

The P9 line offers three types of operators: round in satin chrome metal

round in engineered thermoplastic square in engineered thermoplastic

Panel mounting

Base mounting

a wide variety of colours and styles, and are the result of superior industrial design experience. SERIES P9 satisfies any sophisticated industrial

Modern ergonomic P9 actuators are available in



Fitting and positioning

IP66 degree of protection.

prevents unwanted rotations.

applications in holes without notch.

Compliance with standards

CEI EN 60947.5.1 - UTE - BSI

NEMA - CENELEC EN 50007

Approvals

Bureau Veritas (F)

following climates:

Wet climate

Temperate climate

Temperature ranges

• Operation: from - 25°C up to + 70°C

Storage : from – 40°C up to + 70°C

or a higher degree of protection.

Climatic protections

IEC 947.5.1 - VDE 0660 - NF-C63140

UL (U.S.A.) - CSA (Canada) - RINA (I)

The standard versions are suitable for use in the

Variable wet climate cat. FW24 (DIN 50016)

Degree of protection of the operators

they are mounted into enclosures with the same

Suitable for using into enclosures NEMA type 1-

3-3R-3S-4-4X-12-13 according to UL 508.

IP66 according to CENELEC EN 60529 when

cat. 23/50 (DIN 50014)

cat. 23/83 (DIN 50015)

cat. 40/92 (DIN 50015)

Lloyd's Register of Shipping (U.K.) -

All the P9 operators are fitted with seal to ensure

The tab can be removed with a screwdriver for

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

Furthermore a range of operators, contact positioning on panels with holes drilled according to CENELEC EN 50007 standards blocks and power supplies are available for base The tab also ensures panel stability and

flange with 3 seats

flange with 5 seats

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

Fitted for panels 1 to 6 mm thick with holes

drilled according to CENELEC EN 50007

50mm



Rear locking and back mounting procedure

P9 operators are back mounted to the panel by A locating tab on the operator allows the correct a patented locking ring. The units can be assembled using a standard screwdriver.

Degree of protection of the terminals

IP2x according to CENELEC EN 60529

(according to MIL 202 B method 202 A)

No damage or disassembling at 100 G for all

16 G with frequency range from 40 to 500 Hz

and maximum shifting 0.75 mm. (peak-to-peak).

devices (except for the illuminated operators with

Shock resistance

1/2 sinusoid 11 ms:

transformator 38 G).

Vibration resistance

(according to IEC 68-2-6)

Rated insulation voltage

Impulse withstand voltage

Electric shock protection

IEC 536 for plastic operators.

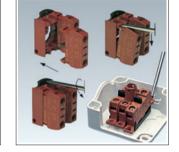
Class I according to IEC 536 for metal

Class II (double insulation) according to

690V according to EN 60947.1

4 kV according to EN 60947.1

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

Short-circuit protection

IEC 269.1 and 269.3.

Self-cleaning sliding

NC "positive opening"

· Four switching points

Double break

Double movable contact

Slow action

With fuses type gG of 16A according to

Performances of the contacts

Electrical resistance of the contact

 \leq 25 m Ω according to IEC 255, cat 3

Idenfication of the terminals

According CENELEC EN 50013

Electrical performances

Rated thermal current Ith = 10A

Performances according IEC 947.5.1

Voltage Ue (V) 24 48 60 110 220 380 500 600

Current le (A) 10 10 10 6 3 2 1.5 1.2

Voltage Ue (V) 24 48 60 110 220 300

Current le (A) 2.5 1.4 1 0.55 0.27 0.2

AC/Heavy Duty (A600) - DC/Standard Duty (Q300

Performances according to CSA and UL

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

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



Safety and reliability

SERIES P9 - Main features

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

- silver contacts, properly shaped

The P9 contact blocks are designed to ensure

- four contact points · high efficiency self-cleaning operation
- high control pressure.

Minimum operating range

Alternate current 50/60 Hz cat. AC15

Electrical life

P9ARTBS 1.00

For emergency push-buttons (yellow background)



Emergency Stop | 080XTGR02 2.00





Direct current cat. DC 13

Push-button stations

Empty versions in thermoplastic IP66

Light grey coloured Panel or base mounted



BA9S6L• 18.00 BA9S24L• 18.00 BA9S48L• 18.00 BA9S110L• 18.00

BA9S606 3.00 BA9S615 3 00 BA9S242 3.00 BA9S30 3.00 BA9S6012 3.00 BA9S130 3.00

Common accessories

Bulbs BA9s

Insert holders

Multi led Vn AC/DC ± 10%

Supplied with neutral insert engravable on both sides Standard 30 x 50 mm

White

P9ASTBS 2.00

Round plates





P9ASHP3 5.00

P9ASHP5 5.00

Square 30 x 30 mm Rectangular 30 x 50 mm



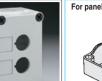


Locking ring wrench Bulb extractor Extractor for caps and lenses

080ESL 4.00 P9ASEBG 7.00

Equipped versions in thermoplastic IP66

Cover with holes Knockouts conduit entry



No of holes		
1 (yellow cover) 1 2 3 4	P9EPEG1 P9EPE01 P9EPE02 P9EPE03 P9EPE04 P9EPE06	15.0 15.0 17.5 22.5 32.0 49.0
O	I JLI LOO	70.0

Accessories Write-on plates

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

Without text P9AELN With text (1) START STOP P9AELN202 1.50 P9AELN201 FORWARD P9AELN214 1.50 REVERSE CLOSE OPEN UP P9AELN215 P9AELN205 P9AFI N206 P9AELN204 DOWN P9AELN203 LEFT P9AELN222) Other languages on request RIGHT P9AELN224 P9AELN028

P9AELN029 P9AELN035 1.50 P9AELN038 1.50 P9AELN039 P9AELN042

Earth terminal clamp

Empty versions in aluminium alloy Grey coloured RAL 7012 - Panel mounting

Cover with holes



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

P9AEMT





(Request pricing from local GE sales engineer)

Full voltage pilot light

Flush push-buttons

Full voltage pilot light

Flush push-buttons

Resistor + diode pilot light

BA9S 130V-2W incl.

Flush push-buttons

Resistor + diode pilot light

220/240V AC

220/240V AC

BA9S 130V-2W incl.

Flush push-buttons

Flush push-buttons

BA9S max 380V-2W not incl.

BA9S max 380V-2W not incl.

erators	Colour Diagram N	lamepl.	
sh push-button	green \\ \ \ \ 4	I	P9EPA01Y02
sh push-button	white \\ \ \ \ \ \ 4	ı	P9EPA01Y03
sh push-button	red 14	0	P9EPA01Y04
sh push-button	black 17	0	P9EPA01Y05
ergency push-button latch according to 118 (on yellow cover)	red 114	0	P9EPAG1Y01
selector switch with os.	- 2 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0-1	P9EPA01Y06



(Request pricing from local GE sales engineer)

Colour Diagram Namepl. Flush push-buttons Flush push-buttons black

The catalogue numbers in **bold** are available from stock. Customised versions on request.



GE Industrial Systems

General Electric Company 41 Woodfard Avenue Plainville, CT 06062

SERIES P9 - Push-button stations

(Request pricing from local GE sales engineer)

blank P9EPA03Y02

Colour Diagram Namepl.

white

white 📥 x1

black 2 0

________x1

white

white

white

white

black

black

black

www. GEindustrial.com



