
















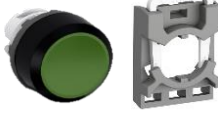




ELECTRIFICATION SMART POWER, DECEMBER 2019

Product Life Cycle Announcement

Series P9 Pilot Devices

PRODUCTS

Legacy Product Line (to be replaced)	Replacement Product Line
 <p>P9 Plastic enclosures (P9E)</p>	 <p>ABB (MEP)</p>
 <p>P9 Auxiliary contacts (P9B)</p>	 <p>ABB (MCB)</p>
 <p>P9 Plastic round (P9X)</p>	 <p>ABB Modular range</p>
 <p>P9 Power supplies (P9P)</p>	 <p>ABB (MLBL)</p>
 <p>P9 Filament/neon bulbs (BA9S)</p>	 <p>ABB BA9S</p>
 <p>P9 Accessories (P9A)</p>	 <p>ABB Accessories</p>
 <p>P9 Selectors</p>	 <p>ABB Selectors (modular range)</p>
 <p>P9 Shiny metal (P9C)</p>	 <p>ABB P9M (satin chrome)</p>
 <p>P9 Square (P9S)</p>	 <p>ABB Modular range (round plastic)</p>
 <p>P9 Uniblock (P9XU... P8XB)</p>	 <p>ABB Compact Range (monolithic)</p>

See Appendix for affected catalog numbers.

LIFE CYCLE CHANGE SCHEDULE

	Classic	Limited	Last Time Buy	Obsolete
P9 plastic enclosures	01/01/2019	TBA	TBA	TBA
P9 auxillary contacts	01/01/2019	TBA	TBA	TBA
P9 plastic round	01/01/2019	TBA	TBA	TBA
P9 power supplies	01/01/2019	TBA	TBA	TBA
P9 filament/neon bulbs	01/01/2019	01/01/2020	09/01/2020	TBA
P9 accessories	01/01/2019	01/01/2020	09/01/2020	TBA
P9 selectors	01/01/2019	01/01/2020	09/01/2020	TBA
P9 shiny metal	01/01/2019	01/01/2020	09/01/2020	TBA
P9 square	01/01/2019	01/01/2020	09/01/2020	TBA
P9 uniblock	01/01/2019	01/01/2020	09/01/2020	TBA

KEY LIFECYCLE DATES

	Price Increase (%)	Price Increase Effective	SPA Invalid	Not Returnable
P9 plastic enclosures	TBA	TBA	TBA	TBA
P9 auxillary contacts	TBA	TBA	TBA	TBA
P9 plastic round	TBA	TBA	TBA	TBA
P9 power supplies	TBA	TBA	TBA	TBA
P9 filament/neon bulbs	TBA	TBA	TBA	TBA
P9 accessories	TBA	TBA	TBA	TBA
P9 selectors	TBA	TBA	TBA	TBA
P9 shiny metal	TBA	TBA	TBA	TBA
P9 square	TBA	TBA	TBA	TBA
P9 uniblock	TBA	TBA	TBA	TBA

LIFE CYCLE PHASE DESCRIPTIONS

	Active	Classic	Limited	Obsolete
Status	Product is actively marketed and sold.	Product will be replaced but is still available for sales, mainly for spares and expansion projects.	Limited manufacturing/stock availability	Product is no longer available nor saleable.
Product available for sales	✓	✓	Not guaranteed	X
Spares availability for sales	✓	✓	✓	Not guaranteed
Product on stock	✓	✓	Not guaranteed	X
Available in online tools	✓	✓	✓	X
Maintenance and repair	✓	✓	✓	Not guaranteed

PRODUCT SPECIFIC SUPPORT RESOURCES

LEGACY PRODUCT:

GE Catalog (Section F, pg.336-398) – <https://www.geindustrial.com/iec-controls-catalog>

REPLACEMENT PRODUCT:

ABB website

<https://new.abb.com/low-voltage/products/safety-products/pilot-devices/operators-and-pilot-lights>

ABB Catalog (complete) – <https://www.ourdoconline.com/lpcp/1SFC151007C02/>

ABB Catalog (core offering catalog)

<https://library.e.abb.com/pub-lic/f598d43db9ac48a580cd3a1425051cb7/1SFC151006C0201.pdf>

SMART POWER ANNOUNCEMENT PROCESS

No.	Lifecycle Status Change
1	Classic announcement (6 mo. before Classic start date)
2	Last Buy and Limited announcement (during the Classic phase, before Limited start date)
3	Obsolete announcement (6 mo. before Obsolete start date)
4	Obsolete final announcement (1 mo. before Obsolete date)

See Appendix for Revision Table.

GENERAL CONVERSION SUPPORT RESOURCES**Need to find an ELIS to ABB cross reference?**

ABB Library - <https://library.abb.com/en>

Publication Library | ABB Industrial - <https://www.geindustrial.com/publibrary>

US Technical Support Contact - eppc.support@us.abb.com

Inventory

Inventory levels will be actively managed to reduce and eliminate the stocking levels and stocked materials.

Please contact your ABB Customer Service Representative for any requests regarding pricing, product returns, rebates or stock rotational policies.

APPENDIX**APPENDIX A – AFFECTED LEGACY PRODUCTS CATALOG NUMBERS**

Product Line	Catalog number
P9 plastic enclosures	P9E*
P9 auxillary contacts	P9B*
P9 plastic round	P9X*
P9 power supplies	P9P*
P9 filament/neon bulbs	BA9S*
P9 accessories	P9A*
P9 selectors	P9MS*
P9 shiny metal	P9C*
P9 square	P9S*
P9 uniblock	P9XU*










Where * is variable in catalog number, which changes per application








Please see catalog screenshots below for further detail on affected products.

P9 Plastic enclosures (P9E*) – GE Catalog Series P9

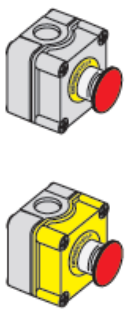
Series P9

Push-button stations in thermoplastic (continued)

Equipped versions		Operators	Colour	Diagram	Nameplate	Cat. no.	Ref. no.
	One unit	Flush push-button	green		I	P9EPA01Y02	189010
		Flush push-button	white		I	P9EPA01Y03	189011
		Emergency push-button with latch according to EN418 (yellow cover)	red		0	P9EPAG1Y0N	189007
		Emergency push-button with latch & status indicator according to EN418 (yellow cover)	red		0	P9EPAG1Y01W	189008
		Emergency push-button with latch according to EN418 - key to release (yellow cover)	red		0	P9EPAG1Y06N	189009
Equipped versions		Operators	Colour	Diagram	Nameplate	Cat. no.	Ref. no.
	Two units	Flush push-buttons	green		I	P9EPA02Y01	189016
		Flush push-buttons	red		0		

	Three units	Full voltage pilot light max 380V-2W not included	BA95	white		blank	P9EPA03Y01	189018
		Flush push-buttons		green		I		
		Flush push-buttons		red		0		
		Flush push-buttons		black		↑	P9EPA03Y05	189022
			red		0			
			black		↓			

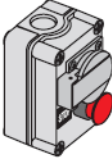
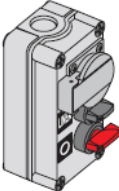
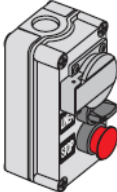
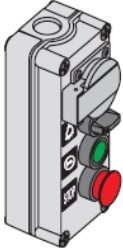
Equipped boxes

Specially enclosures to use for shaft lifts (other versions, please contact us)		Composition	Individual operators	Cat. no.	Ref. no.	Pack
	One operator	Thermoplastic box, 1 element	P9EPE01	P9EPC01X00	215432	1
		Emergency push button mushroom head Ø 40, push-pull to release	P9XET4RN1			
		1NC contact block	P9B01VN			
		1NO contact block	P9B10VN			
		Nameplate with inscription "EMERGENCY-STOP"	080XTGR02			
		PG 16 packing gland				
		Thermoplastic box, Yellow cover, 1 element	P9PEG1	P9EPC01X01	215433	1
		Emergency push-button mushroom head Ø 40, push-twist to release	P9XER4RN			
		1NC contact block	P9B01VN			
		Nameplate with inscription "EMERGENCY-STOP"	080XTGR02			

The catalogue numbers in bold are available from stock.

P9 Plastic enclosures (P9E*) – GE Catalog Series P9



Equipped boxes (continued)

		Specially enclosures to use for shaft lifts (other versions, please contact us)				
		Composition	Individual operators	Cat. no.	Ref. no.	Pack
	Two operators	Thermoplastic box, 2 elements	P9EPE02	P9EPL02X01	189136	1
		Emergency push button mushroom head Ø 28, push-twist to release	P9XER3RN			
		1NC contact block	P9B01VN			
		Nameplate with inscription "STOP"	P9AELN201			
		16A Schuko socket-outlet with cover				
	Three operators	Thermoplastic box, 3 elements	P9EPE03	P9EPL03X01	189138	1
		Selector switch, 2 positions, with black knob	P9XSMD0N			
		1NC contact block	P9B01VN			
		1NO contact block	P9B10VN			
		Nameplate with inscription "LINEA"	P9AELN523			
		Selector switch, 2 positions, with red lever	P9XSVD0R			
		1NO contact block	P9B10VN			
		Nameplate with inscription "O-I"	P9AELN039			
		16A Schuko socket-outlet with cover				
		Thermoplastic box, 3 elements	P9EPE03	P9EPL03X02	189139	1
		Selector switch, 2 positions, with black knob	P9XSMD0N			
		1NC contact block	P9B01VN			
		1NO contact block	P9B10VN			
		Nameplate with inscription "LINEA"	P9AELN523			
		Emergency push-button mushroom head Ø 28, push-twist to release	P9XER3RN			
		1NC contact block	P9B01VN			
		Nameplate with inscription "STOP"	P9AELN201			
		16A Schuko socket-outlet with cover				
	Four operators	Thermoplastic box, 4 elements	P9EPE04	P9EPL04X01	189141	1
		Selector switch, 2 positions, with black knob	P9XSMD0N			
		1NC contact block	P9B01VN			
		1NO contact block	P9B10VN			
		Nameplate with "Light" symbol	P9AELN100			
		Standard/momentary push button with flush cap, green	P9XPNVG			
		1NO contact block	P9B10VN			
		Nameplate with "Bell" symbol				
		Emergency push-button mushroom head Ø 28, push-twist to release	P9XER3RN			
		1NC contact block	P9B01VN			
		Nameplate with inscription "STOP"	P9AELN201			
		16A Schuko socket-outlet with cover				

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

P9 Plastic enclosures (P9E*) – GE Catalog Series P9

Push-button stations in aluminium (Grey coloured RAL 7012)

For panel mounting		Protection	Number of holes	Type	Cat. no.	Ref. no.			
	Cover with holes with conduit entry	IP66 (according to IEC 529, EN 60529)	1	1	080SP1	170801			
			1	1M ⁽¹⁾	080SP1M	170831			
			2	2	080SP2	170802			
			2	2M ⁽¹⁾	080SP2M	170832			
			3	3	080SP3	170803			
			4	4	080SP4	170804			
			4	4M ⁽¹⁾	080SP4M	170834			
			6	6	080SP6	170806			
			8	8	080SP8	170807			
			12	12	080SP12	170808			
			18	18	080SP18	170809			
			24	24	080SP24	170810			
			35	35	080SP35	170811			
				Cover with holes without conduit entry	IP66 (according to IEC 529, EN 60529)	1	1	080SP1SFE	170836
						1	1M ⁽¹⁾	080SP1MSFE	170839
2	2	080SP2SFE				170842			
2	2M ⁽¹⁾	080SP2MSFE				170845			
3	3	080SP3SFE				170848			
4	4	080SP4SFE				170850			
4	4M ⁽¹⁾	080SP4MSFE				170851			
6	6	080SP6SFE				170852			
8	8	080SP8SFE				170854			
12	12	080SP12SFE				170857			
18	18	080SP18SFE				170860			
24	24	080SP24SFE				170862			
35	35	080SP35SFE				170864			
	Cover without holes with conduit entry	IP66 (according to IEC 529, EN 60529)				1	1	080SP1SFC	170835
						1	1M ⁽¹⁾	080SP1MSFC	170838
			2	2	080SP2SFC	170841			
			2	2M ⁽¹⁾	080SP2MSFC	170844			
			3	3	080SP3SFC	170847			
			4	4	080SP2SFC	170841			
			4	4M ⁽¹⁾	080SP2MSFC	170844			
			6	6	080SP3SFC	170847			
			8	8	080SP8SFC	170853			
			12	12	080SP12SFC	170856			
			18	18	080SP18SFC	170859			
			24	24	080SP18SFC	170859			
			35	35	080SP35SFC	170863			
				Cover without holes without conduit entry	IP66 (according to IEC 529, EN 60529)	1	1	080SP1SF	170837
						1	1M ⁽¹⁾	080SP1MSF	170840
2	2	080SP2SF				170843			
2	2M ⁽¹⁾	080SP2MSF				170846			
3	3	080SP3SF				170849			
4	4	080SP2SF				170843			
4	4M ⁽¹⁾	080SP2MSF				170846			
6	6	080SP3SF				170849			
8	8	080SP8SF				170855			
12	12	080SP12SF				170858			
18	18	080SP18SF				170861			
24	24	080SP18SF				170861			
35	35	080SP35SF				170865			

Accessories


Description	Cat. no.	Ref. no.
Kit of two hinges for types 18, 24, 35 with holes	080KCSP	170883



















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

Overall dimensions, see F.43

P9 Auxiliary contacts (P9B*) & P9 Power supplies (P9P*) – GE Catalog Series P9

Contact blocks

































		Cat. no.	Ref. no.	
<p>Logic Reed A new range of LOGIC REED contact blocks with faston terminals for use with power lower than 12V - 5mA.</p>  <p>(Not for emergency stop)</p>	Contact type	NC NO	P9B01FH 187014 P9B10FH 187015	
	Rated voltage	AC2 to 120V max. DC2 to 30V max.		
	Rated current	AC/DC - 0.001 to 0.15A max.		
	Rated power	AC - 8VA max. DC - 4.5W max.		
	Minimum centerline distance	30x32mm		
	Mounting on operators	through specific bayonet flange adaptor	P9ACFSM	
	Full voltage power supply		P9PDHF	

	With screw	Contact type	Cat. no.	Ref. no.
 <p>min. 1 of 22 AWG (0.32mm²) max. 2 of 12 AWG (3.3mm²)</p>     		NC+NO	P9B11VN	187000
		NC+NC	P9B02VN	187008
		NO+NO	P9B20VN	187009
		NC	P9B01VN	187001
		NO	P9B10VN	187002
		NC late opening	P9B01VR	187003
		NO early closing	P9B10VA	187004
	<p>Faston</p>  <p>1 x (6.35 x 0.8mm) 2 x (2.8 x 0.8mm)</p> 		NC	P9B01FN
		NO	P9B10FN	187013
 <p>Terminal adapter printed circuit board adapter</p>			P9ACA6	188804

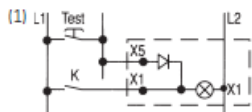
The catalogue numbers in **bold** are available from stock.

P9 Auxiliary contacts (P9B*) & P9 Power supplies (P9P*) – GE Catalog Series P9

Power supplies

With screw	Position on flange	Contact type	Cat. no.	Ref. no.	
 min. 1 of 22 AWG (0.32mm ²) max. 2 of 12 AWG (3.3mm ²)	3 2 1 				
			Full voltage ≡ IEC: BA9S max 380V-2W not included UL-CSA: BA9S max 250V-2W not included	P9PDNV0	187020
			Logic Reed full voltage for low power	P9PDHF	187056
			Long life 110/120V ≡ BA9S 130V-2W included	P9PRIVJ	187021
			Resistor + Diode 220/240V ~ BA9S 130V-2W included	P9PRDVN	187022
			Resistor 110/120V ≡ BA9S 60V-1.2W included	P9PRNVJ	187023
			220/240V ≡ BA9S 130V-2W included	P9PRNVN	187024
			Resistor ENEL version BA9S 48V-2W included 110V ≡	P9PREVJ	187025
			125/127V ≡	P9PREVL	187026
			UL-CSA: BA9S max 250V-2W not included Test full voltage (1) ≡ IEC: BA9S max 380V-2W not included	P9PDTV0	187027
			Test resistor (1) 220/240V ≡ BA9S 130V-2W included	P9PRTVN	187028
			Transformer 50/60Hz BA9S 6V-1.5W included	P9PTNV ♦	see bottom
		Multifunction (2) full voltage 24V ≡ BA9S 24V-2W included	P9PDMVD	187040	
		Multifunction (2) full voltage 110V ≡ BA9S 130V-2W included	P9PDMVJ	187041	
		Multifunction (2) Transformer 50/60Hz BA9S 6V-0.6W included	P9PTMV ◊	see bottom	
 1x(6.35x0.8mm) 2x(2.8x0.8mm)		Full voltage IEC:BA9S max 380V-2W not included UL-CSA: BA9S max 250V-2W not included	P9PDNF0	187055	
		Standard light 24V AC/DC 120V AC 230V AC	P9PLNV ♦ P9PLNV ◊ P9PLNV ●	see bottom	
		Flashing light 24V AC/DC 120V AC 230V AC	P9PLFV ♦ P9PLFV ◊ P9PLFV ●	see bottom	

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









(2) Y1 Y2 Do not connect for flashing light
 Link to external contact in order to have steady or flashing light
 C closed = Steady light
 C open = Flashing light




Colours	red	green	yellow	orange	blue	white
LED	●	●	●	●	●	●
Voltage	110-120	220-250	400	415-440	480-500	
♦	J	N	U	W	Y	
◊	J	N	U	-	-	

P9 Auxiliary contacts (P9B*) & P9 Power supplies (P9P*) – GE Catalog Series P9

Base mounting - Contact blocks



 <p>With screw</p> <p>min. 1 of 22 AWG (0.32mm²) max. 2 of 12 AWG (3.3mm²)</p> 			Contact type	Cat. no.	Ref. no.
			NC	 P9B01BN	187017
			NO	 P9B10BN	187018

Base mounting - Power supplies


 <p>With screw</p> <p>min. 1 of 22 AWG (0.32mm²) max. 2 of 12 AWG (3.3mm²)</p> 	Position on flange	Bulb power supply	Cat. no.	Ref. no.
	3 2 1	Full voltage \approx IEC: BA9S max 380V-2W not included UL-CSA: BA9S max 250V-2W not included	 P9PDN80	187070



P9 Plastic round (P9X*) & P9 Shiny metal (P9C*) – GE Catalog Series P9

Push-buttons

Description		Cat. no.	Ref. no.	Cat. no.	Ref. no.	Cat. no.	Ref. no.	
		Metal	see bottom	Plastic	see bottom	Plastic	see bottom	
Standard / Momentary								
	With flush cap	P9MPN ●G		P9XPN ●G		P9SPN ●G		
	With raised cap	P9MPN ●S		P9XPN ●S		P9SPN ●S		
	Recessed	P9MPN ●E						
Mushroom head / Momentary								
	Mushroom head Ø 28mm	P9MEM3 ●N		P9XEM3 ●N ^[1]				
	Mushroom head Ø 40mm	P9MEM4 ●N		P9XEM4 ●N ^[1]				
	Mushroom head Ø 60mm	P9MEM6 ●N				P9SEM3RN	186031	
	Mushroom head \square 30mm							
Mushroom head with latch								
Standard	Push-pull to release	Mushroom head Ø 40mm	P9MET4 ●N1		P9XET4 ●N1		P9SET4R	186061
	Push-twist to release	Red mushroom head Ø 28mm	P9MER3RN	184070	P9XER3RN	185070		
		Red mushroom head Ø 40mm	P9MER4RN	184071	P9XER4RN	185071		
	Push-key to release	Red mushroom head Ø 40mm	P9MEC4RN ▲		P9XEC4RN ▲			

P9 Plastic round (P9X*) & P9 Shiny metal (P9C*) – GE Catalog Series P9

Emergency with latch							
	Positive break in accordance with EN 418	Push-twist to release	RED mushroom head Ø 40mm	P9XER4RAN	185077	P9SER4RA	186072
		Push-twist to release	Red mushroom head Ø 40mm with status indication	P9XER4RAW	185078		
		Push-key to release	Red mushroom head Ø 40mm with key code 3095	P9XEC4RA95N	185079	P9SEC4RA95	186073
Mushroom head / 3 positions							
			Ø 40mm 1-0 fixed, 2 transient	P9MET4●N2			
			Ø 40mm 0 fixed, 1-2 transient	P9MET4●N3			

With keylock [Ⓐ]							
	Key withdrawable in position I & II		normal	P9MPCN1K▲			
			depressed	P9MPCN2K▲			
			normal & depressed	P9MPCN3K▲			
	Key with drawable position II	Lockable position	normal	P9MPCN1E▲			
			depressed	P9MPCN2E▲			
			normal & depressed	P9MPCN3E▲			

(1) Color N or R
(2) Keys on F.18




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

Colours	●	black	red	green	yellow	brown	blue	white	grey	without cap
Caps	●	N	R	V	G	M	L	B	H	0
Mushroom heads	●	N	R	V	G	-	L	-	-	-

Remark: To complete the catalogue number, substitute the symbol ● by a letter for the choice of the colour and the symbol ▲ by a number for the type of key.

P9 Filament/neon bulbs (BA9S*) – GE Catalog Series P9

Bulbs BA9s

Description	Cat. no.		Ref. no.	
	Plastic			
				
Filament type	Vn	W		
	6	0.6	BA9S606	187850
	6	1.5	BA9S615	187851
	12	2.0	BA9S122	187852
	24	2.0	BA9S242	187853
	30	2.1	BA9S30	187854
	48	2.0	BA9S48	187855
	60	1.2	BA9S6012	187856
	130	2.0	BA9S130	187857
	220	2.0	BA9S220	187868
Neon type	110	0.11	BA9SN110	187860
	220	0.33	BA9SN220	187861
MultiLED	VN AC/DC ±10%			
	6		BA9S6LED●	
	12		BA9S12LED●	
	24		BA9S24LED●	
	48		BA9S48LED●	
	60		BA9S60LED	187191
	110		BA9S110LED●	
	130		BA9S130LED	187190
	(AC) 230		BA9S230LED●	

Colours	●	red	green	yellow	blue	white
	●	R	V	G	L	B

P9 Accessories (P9A*) – GE Catalog Series P9



















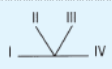



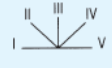
Common accessories

Plugs	Description	Plastic		Plastic	
		Cat. no.	Ref. no.	Cat. no.	Ref. no.
	Round	P9ARHPR	187491		
	Square 30x30mm			P9ASHP3	187792
	Rectangular 30x50mm			P9ASHP5	187793
Protections					
	Collar for mushroom head push-buttons \varnothing 40mm	P9ARRE4	187492		
	Protection cover padlockable for standard push-buttons, illuminated push-buttons, selector switches, illuminated selector switches with knob.	P9ACRCL	187840	P9ACRCL	187840
Flanges					
	With three positions	Centre distances 30x50mm	P9ACFS3	187841	P9ACFS3 187841
	With five positions	Centre distances 50x50mm	P9ACFS5	187842	P9ACFS5 187842
	With two positions	For Logic Reed contact blocks	P9ACFSM	187846	P9ACFSM 187846
Adapter screw plug-in terminal					
	Only for Logic Reed contact blocks and power supplies	P9ACAFV	187847	P9ACAFV	187847
Adapter					
	Gives round control and signalling units a square appearance. Made in black thermoplastic. Can be used with nameplate for square operators P9ASTBS (see F.38). Excluded for mushroom flush buttons with positive break and types with 3 positions.	P9ARSN1	188805		
Push-on/push off					
	Device for standard push-buttons and illuminated push-buttons. To be added only to single pole contact blocks. The NO-contacts must be early closing types.	P9ACDPP	187843	P9ACDPP	187843
Extended screw					
	For reset push-buttons (setting min. 80, max. 170mm)	P9ACVLR	187844	P9ACVLR	187844
Central contact driving plug					
	For standard momentary push-buttons and momentary mushroom head push-buttons.			P9ASHAC	187794
Tools					
	Locking ring wrench	P9ACWAF	187845	P9ACWAF	187845
	Bulb extractor	080ESL	170212	080ESL	170212
	Extractor for caps and lenses			P9ASEBG	187795

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

P9 Selectors (P9MS*) – GE Catalog Series P9

Selector switches with knob

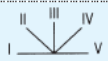
		Function ⁽¹⁾	D	Cat. no.	Ref. no.	Cat. no.	Ref. no.	Cat. no.	Ref. no.
				Metal	Plastic	Plastic	see bottom	see bottom	see bottom
2 positions									
	Fixed		D	P9MSMD0●		P9XSMD0N	185110	P9SSMD0N	186110
			I	P9MSMI0●		P9XSMI0N	185120	P9SSMI0N	186120
			H	P9MSMH0●					
	With spring return		D	P9MSMD5●		P9XSMD5N	185150	P9SSMD5N	186140
			I	P9MSMI5●				P9SSMI5N	186150
			H	P9MSMH1●					
									
3 positions									
	Fixed		E	P9MSME0●				P9SSME0N	186170
			L	P9MSML0●					
			U	P9MSMU0●		P9XSMU0N	185190	P9SSMU0N	186190
			Z, B	P9MSMZ0●		P9XSMZ0N	185200	P9SSMZ0N	186200
	With spring return		E	P9MSME1●				P9SSME1N	186210
			L	P9MSML1●					
			U	P9MSMU1●				P9SSMU1N	186230
			Z, B	P9MSMZ1●		P9XSMZ1N	185240	P9SSMZ1N	186240
			E	P9MSME5●					
			L	P9MSML5●					
			U	P9MSMU5●				P9SSMU5N	186280
			Z, B	P9MSMZ5●		P9XSMZ5N	185280	P9SSMZ5N	186280
			E	P9MSME3●					
			L	P9MSML3●					
			U	P9MSMU3●				P9SSMU3N	186320
			Z, B	P9MSMZ3●		P9XSMZ3N	185320	P9SSMZ3N	186320
4 positions									
	Fixed		X	P9MSMX0●		P9XSMX0N	185330	P9SSMX0N	186330
	With spring return		X	P9MSMX5●					
5 positions									
	Fixed		X	P9MSMY0●					
			W	P9MSMW0●					

(1) Electrical diagrams, see F.27

The catalogue numbers in bold are available from stock.

Colours round shape	black	red	green	yellow	blue	
Knobs	●	N	R	V	G	L

P9 Selectors (P9MS*) – GE Catalog Series P9











5 positions					
Fixed		X	P9MSVX0●		
		W	P9MSW0●		

(1) Electrical diagrams, see F.27

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

Colours round shape	black	red	green	yellow	blue	
Knobs	●	N	R	V	G	L

Selector switches with lever

		Function ⁽¹⁾	Cat. no.		Ref. no.	
			Metal	Plastic	see bottom	see bottom
						
2 positions						
Fixed		D	P9MSVD0●	P9XSVD0N	185370	
		I	P9MSVI0●	P9XSVI0N	185371	
		H	P9MSVH0●			
With spring return		D	P9MSVD5●	P9XSVD5N	185373	
		I	P9MSVI5●			
		H	P9MSVH1●			
3 positions						
Fixed		E	P9MSVE0●			
		L	P9MSVL0●			
		U	P9MSVU0●			
		Z, B	P9MSVZ0●	P9XSVZ0N	185379	
With spring return		E	P9MSVE1●			
		L	P9MSVL1●			
		U	P9MSVU1●			
		Z, B	P9MSVZ1●			
With spring return		E	P9MSVE5●			
		L	P9MSVL5●			
		U	P9MSVU5●			
		Z, B	P9MSVZ5●			
With spring return		E	P9MSVE3●			
		L	P9MSVL3●			
		U	P9MSVU3●			
		Z, B	P9MSVZ3●	P9XSVZ3N	185391	
4 positions						
Fixed		X	P9MSVX0●	P9XSVX0N	185392	
With spring return		X	P9MSVX5●			

P9 Selectors (P9MS*) – GE Catalog Series P9

5 positions						
Fixed		X	P9MSV0●			
		W	P9MSW0●			

(1) Electrical diagrams, see F.27

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


Colours round shape	black	red	green	yellow	blue	
Knobs	●	N	R	V	G	L

Selector switches with key

	Function ⁽¹⁾	Key removal	Cat. no.		Ref. no.		Cat. no.		Ref. no.		
			Metal		Plastic		Plastic ⁽²⁾				
2 positions											
Fixed		D	I	P9MSCD0A▲	P9XSCD0A95	185400	P9SSCD0A95	186400			
			II	P9MSCD0E▲	P9XSCD0E95	185401					
			I-II	P9MSCD0K▲	P9XSCD0K95	185402					
		I	0	P9MSCI0C▲							
				P9MSCI0E▲							
			0-I	P9MSCI0N▲							
With spring return		H		P9MSCH0A▲							
			0	P9MSCH0C▲							
			0-I	P9MSCH0H▲							
		D	I	P9MSCD5A▲	P9XSCD5A95	185409	P9SSCD5A95	186409			
				P9MSCI5C▲	P9XSCI5C95	185410	P9SSCI5C95	186410			
				P9MSCH1C▲							
3 positions											
Fixed		E	I	P9MSCE0A▲							
			0	P9MSCE0C▲							
			II	P9MSCE0E▲							
			I-0	P9MSCE0H▲							
			I-II	P9MSCE0K▲							
			0-II	P9MSCE0N▲							
			I-0-II	P9MSCE0T▲							
				L	I	P9MSCL0A▲					
					0	P9MSCL0C▲					
	II	P9MSCL0E▲									
	I-0	P9MSCL0H▲									
	I-II	P9MSCL0K▲									
	0-II	P9MSCL0N▲									
		U	I	P9MSCU0A▲							
			0	P9MSCU0C▲							
			II	P9MSCU0E▲							
			I-0	P9MSCU0H▲							
			I-II	P9MSCU0K▲							
			0-II	P9MSCU0N▲							
	I-0-II	P9MSCU0T▲	P9XSCU0T95	185432							
		Z, B	I	P9MSCZ0A▲	P9XSCZ0A95	185433					
			0	P9MSCZ0C▲	P9XSCZ0C95	185434					
			II	P9MSCZ0E▲	P9XSCZ0E95	185435					
			I-0	P9MSCZ0H▲							
I-II			P9MSCZ0K▲								
0-II			P9MSCZ0N▲								
I-0-II			P9MSCZ0T▲	P9XSCZ0T95	185439	P9SSCZ0T95	186439				

P9 Selectors (P9MS*) – GE Catalog Series P9



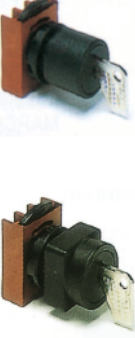



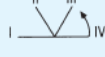
Keys for round metal shape

	Standard version number	▲	95									
	Standard version with specific number		01	02	03	04	05	10	16	19	55	(Ronis)
	FIAT version number	▲	33	34	37	38	40					
	Colour		yellow	black	red	blue	orange					

(1) Electrical diagrams, see F.27
 (2) Key for square shape and round plastic shape, only standard version 95


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

Selector switches with key

	Function ⁽¹⁾	Key removal		Cat. no.		Cat. no.		Cat. no.	
				Metal		Plastic		Plastic ⁽²⁾	
				Ref. no. see bottom	Ref. no. see bottom	Ref. no. see bottom	Ref. no. see bottom		
3 positions									
	With spring return 	E	0	P9MSCE1C▲					
			II	P9MSCE1E▲					
			0-II	P9MSCE1N▲					
		L	0	P9MSCL1C▲					
			II	P9MSCL1E▲					
			0-II	P9MSCL1N▲					
	U	0	P9MSCU1C▲						
		II	P9MSCU1E▲						
		0-II	P9MSCU1N▲						
	Z, B	0	P9MSCZ1C▲						
		II	P9MSCZ1E▲						
		0-II	P9MSCZ1N▲						
		E	I	P9MSCE5A▲					
			0	P9MSCE5C▲					
			I-0	P9MSCE5H▲					
		L	I	P9MSCL5A▲					
			0	P9MSCL5C▲					
			I-0	P9MSCL5H▲					
U		I	P9MSCU5A▲						
		0	P9MSCU5C▲						
		I-0	P9MSCU5H▲						
Z, B	I	P9MSCZ5A▲		P9XSCZ5A95	185461	P9SSCZ5A95	186461		
	0	P9MSCZ5C▲		P9XSCZ5C95	185462	P9SSCZ5C95	186462		
	I-0	P9MSCZ5H▲		P9XSCZ5H95	185463	P9SSCZ5H95	186463		
	E	0	P9MSCE3C▲						
		0	P9MSCL3C▲						
		0	P9MSCU3C▲						
	Z, B	0	P9MSCZ3C▲		P9XSCZ3C95	185467	P9SSCZ3C95	186467	
4 positions									
	Fixed 	X	I	P9MSCX0A▲					
			II	P9MSCX0B▲					
			III	P9MSCX0D▲					
			IV	P9MSCX0E▲					
			I-II	P9MSCX0F▲					
			I-III	P9MSCX0J▲					
			I-IV	P9MSCX0K▲					
			II-III	P9MSCX0L▲					
			II-IV	P9MSCX0M▲					
	III-IV	P9MSCX0P▲							
	I-II-III	P9MSCX0R▲							
	I-II-IV	P9MSCX0S▲							
	I-III-IV	P9MSCX0U▲							
	II-III-IV	P9MSCX0V▲							
	I-II-III-IV	P9MSCX0Z▲							
	With spring return 	X	I	P9MSCX5A▲					
			II	P9MSCX5B▲					
			III	P9MSCX5D▲					
I-II			P9MSCX5F▲						
I-III			P9MSCX5J▲						
II-III			P9MSCX5L▲						
I-II-III			P9MSCX5R▲						

P9 Selectors (P9MS*) – GE Catalog Series P9


Keys for round metal shape

	Standard version number	95									
	Standard version with specific number	▲ 01	02	03	04	05	10	16	19	55	(Ronis)
	FIAT version number	▲ 33	34	37	38	40					
	Colour	yellow	black	red	blue	orange					








(1) Electrical diagrams, see F.27
 (2) Key for square shape and round plastic shape, only standard version 95

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

Illuminated push-buttons

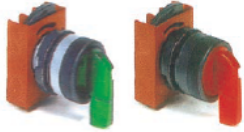






		Cat. no.	Ref. no. see bottom	Cat. no.	Ref. no. see bottom	Cat. no.	Ref. no. see bottom
Standard / Momentary							
	With diffused lens:						
	Flush	P9MPLGD		P9XPLGD		P9SPLGD	
	Raised	P9MPLSD		P9XPLSD		P9SPLSD	
	Recessed	P9MPLGD					
Mushroom head / Momentary							
	Mushroom head Ø 40mm	P9MEM4L		P9XEM4L ⁽¹⁾			
	Mushroom head Ø 30mm					P9SEM3RL	186551
Mushroom head / With latch							
	Push-pull to release						
	Mushroom head Ø 40mm	P9MET4L1		P9XET4L1 ⁽¹⁾		P9SET4RL1	186561
Mushroom head / 3 positions							
	With mushroom Ø 40mm						
	1-0 fixed, 2 transient	P9MET4L2		P9XET4RL2	185571		
	0 transient, 1-2 fixed	P9MET4L3					

Illuminated selector switches with knob

2 positions		Function ⁽²⁾					
	Fixed		D	P9MSLD0●	P9XSLD0●	P9SSLD0●	
3 positions							
	Fixed		Z, B	P9MSLZ0●	P9XSLZ0●	P9SSLZ0●	
			Z, B	P9MSLZ1●			
	With spring return			Z, B	P9MSLZ5●		
				Z, B	P9MSLZ3●		

P9 Selectors (P9MS*) – GE Catalog Series P9

Illuminated selector switches with lever








2 positions		Function ⁽²⁾					
	Fixed		D	P9MSAD0 ●			
3 positions		Function ⁽²⁾					
	Fixed		Z, B	P9MSAZ0 ●			
			Z, B	P9MSAZ1 ●			
	With spring return		Z, B	P9MSAZ5 ●			
			Z, B	P9MSAZ3 ●			

(1) Color R, V or G
 (2) Electrical diagrams, see F.27






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

Colours		red	green	yellow	orange	blue	white	clear
Lens	●	R	V	G	A	L	B	I
Mushroom heads	●	R	V	G	A	L	B	I
Knob/lever	●	R	V	G	A	L	B	I

Selector push-buttons (black coloured)



		Function ⁽¹⁾	Cat. no.	Ref. no.	Cat. no.	Ref. no.	Cat. no.	Ref. no.
			Metal		Plastic		Plastic	
								
2 positions		Function ⁽¹⁾						
	Fixed		201	P9MPS21G	184690			
			231	P9MPS22G	184691			
			235	P9MPS23G	184692			
3 positions		Function ⁽¹⁾						
	Fixed		301	P9MPS34G	184693			
			323	P9MPS35G	184694			

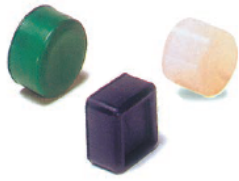
Toggle switches (black coloured)

2 positions		Function ⁽²⁾						
	Fixed position		D	P9MCD	184695	P9XCD	185695	P9SCD 186695
3 positions		Function ⁽²⁾						
	Fixed position		B	P9MCB	184696			
	Transient to zero from one position		B	P9MCC	184697			

P9 Selectors (P9MS*) – GE Catalog Series P9

Rubber protective caps (IP66)





Description	Cat. no.	Ref. no. see bottom	Plastic	
			Plastic	Plastic
				
Standard flush push-buttons coloured (nitrilic rubber) clear (silicon rubber)	080CP 080CPT	170198	P9ASC P9ASCCT	170790 187791
Raised push buttons clear (silicon rubber)	P9ARCST	187490	P9ASCST	187791



(1) Electrical diagrams, see F.27

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

Emergency lever

Description	Cat. no.	Ref. no.	Plastic		Plastic	
			Metal	Plastic	Plastic	Plastic
						
Red lever	P9MWR	184770				



Reset push-button

White symbol on blue background	P9MRG	184771	P9XRG	185771		
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Potentiometer operator (potentiometer not included)

Black knob	P9MZ	184772	P9XZ	185772	P9SZ	186772
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Buzzer

Black coloured	24V	P9XBD	185773	P9SBD	186773
Bitonal sound	110-240V	P9XBM	185774	P9SBM	186774
Full voltage AC/DC					
Frequency: 2kHz					
Sound intensity: 80dB at 1m					
Consumption: 3 to 9mA					



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

Colours		black	red	green	yellow	orange	blue	white	clear
Mushroom heads	●	N	R	V	G	-	L	-	-
Knobs/lever	●	N	R	V	G	-	L	-	-
Lenses		-	R	V	G	A	L	B	I
Protective caps	●	N	R	V	G	-	-	-	-

P9 Square (P9S*) – GE Catalog Series P9

Signalling units



**Pilot light
diffused lens**



P9ML♦D	Ref. no.
.....R..	184791
.....V..	184792
.....G..	184793
.....B..	184797
.....L..	184796

**Pilot light
unibloc
full voltage ≅ BA9S
max. 2W not included**



P9XL♦D	Ref. no.
.....R..	185791
.....V..	185792
.....G..	185793
.....B..	185797
.....L..	185796



P9XU♦DDO	Ref. no.
.....R..	185821
.....V..	185822
.....G..	185823
.....B..	185827
.....L..	185826

Contact blocks



	Cat. no.	Ref. no.
1 NC	P9B01VN	187001
1 NO	P9B10VN	187002
2 NC	P9B02VN	187008
1 NC + 1 NO	P9B11VN	187000
2 NO	P9B20VN	187009

Power supplies

Full voltage



	Cat. no.	Ref. no.
Full voltage ≅ BA9S max. 380V-2W not included	P9PDNV0	187020

Catalogue number structure ⁽¹⁾

Push-buttons

P9		P				
STYLE	FORM	TYPE	CAP COLOUR	PUSH-BUTTON TYPE	LENS TYPE	
Panel mounting M = Round satin chrome X = Round plastic C = Round polished chrome S = Square 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 or KEY REMOVAL	
Panel mounting M = Round satin chrome X = Round plastic C = Round polished chrome S = Square plastic	S = Selector switches	M = Knob V = Lever L = Illuminated Knob C = Key operated	D, I or H = 2 positions E, L, U or Z = 3 positions X = 4 positions	0 = Fixed 3 = From left & right L → 0 ← R 1 = L → 5 = ← R	N = Black R = Red V = Green G = Yellow L = Blue	

Selector switches

P9		S				
STYLE	FORM	TYPE	CAM	SPRING RETURN	COLOUR or KEY REMOVAL	
Panel mounting M = Round satin chrome X = Round plastic C = Round polished chrome S = Square plastic	S = Selector switches	M = Knob V = Lever L = Illuminated Knob C = Key operated	D, I or H = 2 positions E, L, U or Z = 3 positions X = 4 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	TYPE	LENS TYPE	
Panel mounting M = Round satin chrome X = Round plastic C = Round polished chrome S = Square plastic	L = Pilot light	R = Red V = Green G = Yellow B = White	D = Diffused	

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

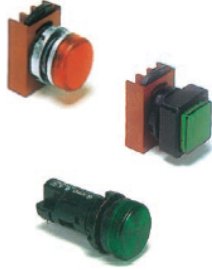
P9	P				
FORM	TYPE	STYLE	TERMINAL TYPE	VOLTAGE	
P = Power supplies	D = Full voltage R = Resistor T = Transformer L = Led	0 = Normal M = Multi-function (continuous/blinking) D = Diode L = Long life T = Test F = Flashin	V = Standard screw B = Base mounting screw F = Faston	0 = Full voltage D = 24V J = 110-120V N = 220-240V	

⁽¹⁾ Nomenclature keys are indicative only. Do not use for orders.




P9 Uniblock (P9XU*... P8XB*) – GE Catalog Series P9

Pilot Devices

Description	Cat. no.	Ref. no.	Cat. no.	Ref. no.	Cat. no.	Ref. no.
	Metal		Plastic		Plastic	
						
Standard Diffused lens Refracted lens (for neon bulb) Glass lens	P9ML●D P9ML●R P9ML●V		P9XL●D		P9SL●D	
Unibloc (complete pilot light) Full voltage AC/DC BA9S max 382 V - 2 W not included Diffused lens			P9XU●DD0			



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




Colours							
Lens		R	V	G	A	L	B

Unibloc (Multi-LED BA9S included)

Voltage	Colour	Cat. no.	Ref. no.
24Vac/dc	Red	P9XURDD	205238
	Green	P9XUVDD	205239
	Yellow	P9XUGDD	205240
	Blue	P9XULDD	205241
	White	P9XUBDD	205242
110-120Vac/dc	Red	P9XURDDJ	205243
	Green	P9XUVDDJ	205244
	Yellow	P9XUGDDJ	205245
	Blue	P9XULDDJ	205246
	White	P9XUBDDJ	205247
230Vac	Red	P9XURDDN	213701
	Green	P9XUVDDN	213702
	Yellow	P9XUGDDN	213703
	Blue	P9XULDDN	213704
	White	P9XUBDDN	213705



Bulbs BA9s

Description			Cat. no.	Ref. no.		
			Plastic			
						
Filament type	Vn	W				
Neon type	6	0.6	BA9S606	187850		
	6	1.5	BA9S615	187851		
	12	2.0	BA9S122	187852		
	24	2.0	BA9S242	187853		
	30	2.1	BA9S30	187854		
	48	2.0	BA9S48	187855		
	60	1.2	BA9S6012	187856		
	130	2.0	BA9S130	187857		
	220	2.0	BA9S220	187868		
	MultiLED	VN AC/DC ±10%				
MultiLED	6		BA9S6LED●			
	12		BA9S12LED●			
	24		BA9S24LED●			
	48		BA9S48LED●			
	60		BA9S60LED	187191		
	110-120		BA9S110LED●			
	130		BA9S130LED	187190		
(AC) 230		BA9S230LED●				



Colours						
		R	V	G	L	B

REVISION TABLE

Rev. #	Date	Description of Revision
1	12/17/19	Limited life cycle announcement posted.