

Control Station and Control Panel: Control Station (Rectangular Shape), EPB/ EPL/ EPBL/ ESL/ EKS/ EEM series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 22

Application

The control stations are suitable for use in conjunction with magnetic contactors and relays for the remote control of motors, as well as for indicating the electrical functions performed. They are suitable for use in Zone 1, Zone 2, and Zone 22 hazardous areas.

Specification

Body, cover : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (Grey)
Bolts : Stainless steel, SS 304

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	22
Equipment Group/Category	II 2G	II 3D
Symbol of Protection	Ex db IIB T6/T5 Gb	Ex tc IIB T80°C/ T95°C Dc
Conformity to Standards	EN IEC 60079-0, EN 60079-1, EN IEC 60079-31	
Ambient Temperature	-20°C to +55°C	
Index of Protection	IP54	
Entry Threads	1/2" or 3/4" NPT	
Mounting	Wall mount	

Catalogue Number Logic

EPB series



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EPB

Series

Gang

1Single gang

2Two gang

3Three gang

-

Contact per unit (Momentary)

A1NO

B1NC

C1NO-1NC

D2NO

E2NC

-

Entry threads

Dead-end/ Top

Dead-end/ Bottom

Through-feed

TN11/2" NPT

BN11/2" NPT

CN11/2" NPT

TN23/4" NPT

BN23/4" NPT

CN23/4" NPT

EPL series



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EPL

EPBL series



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EPBL	■	-	□ □	□	-	■ N ■	
Series	Gang	Contact	Voltage	Lens colour	Entry threads		
1 Single gang	1 Single gang	A 1NO	2D 24 V DC	G Green	Dead-end/ Top	Dead-end/ Bottom	Through- feed
2 Two gang	2 Two gang	B 1NC	12 120 V AC	R Red			
		C 1NO-1NC	22 220-230 V AC	Y Yellow	TN1 1/2" NPT	BN1 1/2" NPT	CN1 1/2" NPT
		D 2NO		B Blue	TN2 3/4" NPT	BN2 3/4" NPT	CN2 3/4" NPT
		E 2NC		C Clear			

EEM series



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EEM

Series

Gang

1

Single gang

Contact

B

1NC

C

1NO-1NC

E

2NC

Function

P

Push-pull

L

Push-lock, Turn to release

K

Push-lock, Key to release

Entry threads

Dead-end/Top

TN1

1/2" NPT

TN2

3/4" NPT

Dead-end/Bottom

BN1

1/2" NPT

BN2

3/4" NPT

Through-feed

CN1

1/2" NPT

CN2

3/4" NPT

ESL/ EKS series



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E ■ ■		■	-	□	□	-	■ N ■	
Series		Gang	Position	Contact	Function	Entry threads		
ESL	Selector switch	1 Single gang	2 2-position	A 1NO	- Stay put	Dead-end/ Top	Dead-end/ Bottom	Through-feed
EKS	Key selector switch	3 3-position	3 3-position	B 1NC	S Spring return	TN1 1/2" NPT	BN1 1/2" NPT	CN1 1/2" NPT
				C 1NO-1NC		TN2 3/4" NPT	BN2 3/4" NPT	CN2 3/4" NPT
				D 2NO				
				F 4NO				

Control Station and Control Panel: Push Button, EPB series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 22

Ordering Requirements

Single gang, 1PB (without wiring)

		PB Push button, 1NO (momentary)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPB1-A-TN1	EPB1-A-BN1	EPB1-A-CN1
	3/4" NPT	EPB1-A-TN2	EPB1-A-BN2	EPB1-A-CN2
Nameplate marking		START or ON or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.95		

		PB Push button, 1NC (momentary)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPB1-B-TN1	EPB1-B-BN1	EPB1-B-CN1
	3/4" NPT	EPB1-B-TN2	EPB1-B-BN2	EPB1-B-CN2
Nameplate marking		STOP or OFF or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.95		

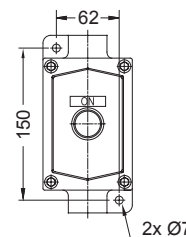
		PB Push button, 1NO-1NC (momentary)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPB1-C-TN1	EPB1-C-BN1	EPB1-C-CN1
	3/4" NPT	EPB1-C-TN2	EPB1-C-BN2	EPB1-C-CN2
Nameplate marking		Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.95		

		PB Push button, 2NO (momentary)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPB1-D-TN1	EPB1-D-BN1	EPB1-D-CN1
	3/4" NPT	EPB1-D-TN2	EPB1-D-BN2	EPB1-D-CN2
Nameplate marking		START or ON or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.95		

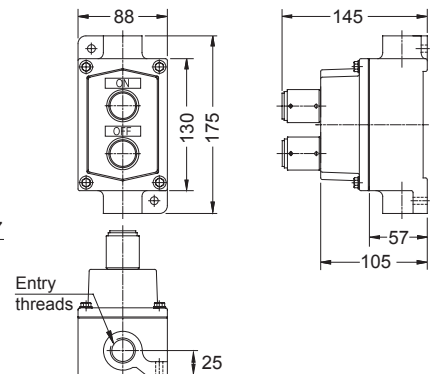
		PB Push button, 2NC (momentary)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entries	1/2" NPT	EPB1-E-TN1	EPB1-E-BN1	EPB1-E-CN1
	3/4" NPT	EPB1-E-TN2	EPB1-E-BN2	EPB1-E-CN2
Nameplate marking		STOP or OFF or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.95		

Dimensions (in mm)

1PB



2PB



Ordering Requirements

Single gang, 2PB (without wiring)

		PB1 Push button, 1NO (momentary) PB2 Push button, 1NC (momentary)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPB1-AB-TN1	EPB1-AB-BN1	EPB1-AB-CN1
	3/4" NPT	EPB1-AB-TN2	EPB1-AB-BN2	EPB1-AB-CN2
Nameplate marking		START, STOP or ON, OFF or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.95		

		PB1 Push button, 1NO-1NC (momentary) PB2 Push button, 1NO-1NC (momentary)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPB1-CC-TN1	EPB1-CC-BN1	EPB1-CC-CN1
	3/4" NPT	EPB1-CC-TN2	EPB1-CC-BN2	EPB1-CC-CN2
Nameplate marking		START, STOP or ON, OFF or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.95		

		PB1 Push button, 1NO (momentary) PB2 Push button, 1NO (momentary)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPB1-AA-TN1	EPB1-AA-BN1	EPB1-AA-CN1
	3/4" NPT	EPB1-AA-TN2	EPB1-AA-BN2	EPB1-AA-CN2
Nameplate marking		UP, DOWN or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.95		

		PB1 Push button, 2NO (momentary) PB2 Push button, 2NO (momentary)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPB1-DD-TN1	EPB1-DD-BN1	EPB1-DD-CN1
	3/4" NPT	EPB1-DD-TN2	EPB1-DD-BN2	EPB1-DD-CN2
Nameplate marking		UP, DOWN or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.95		

Control Station and Control Panel: Push Button, EPB series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 22

Ordering Requirements

Single gang, 3PB (without wiring)

				PB1 Push button, 1NO (momentary)
				PB2 Push button, 1NO (momentary)
				PB3 Push button, 1NC (momentary)
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPB1-AAB-TN1	EPB1-AAB-BN1	EPB1-AAB-CN1
	3/4" NPT	EPB1-AAB-TN2	EPB1-AAB-BN2	EPB1-AAB-CN2
Nameplate marking		UP, DOWN, STOP or Specify		
Volume (cm ³)		1,180		
Approx. weight (kg)		1.98		

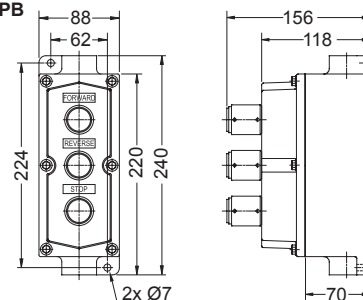
			 PB1 Push button, 1NO-1NC (momentary)		
			 PB2 Push button, 1NO-1NC (momentary)		
			 PB3 Push button, 1NO-1NC (momentary)		
			Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed	
Entry threads	1/2" NPT	EPB1-CCC-TN1	EPB1-CCC-BN1	EPB1-CCC-CN1	
	3/4" NPT	EPB1-CCC-TN2	EPB1-CCC-BN2	EPB1-CCC-CN2	
Nameplate marking		FORWARD, REVERSE, STOP or Specify			
Volume (cm ³)		1,180			
Approx. weight (kg)		1.98			

Two gang, 4PB (without wiring)

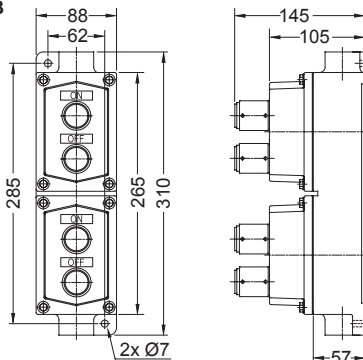
					PB1 Push button, 1NO-1NC (momentary)
					PB2 Push button, 1NO-1NC (momentary)
					PB3 Push button, 1NO-1NC (momentary)
					PB4 Push button, 1NO-1NC (momentary)
		Cat. No.			
		Dead-end/ Top	Dead-end/ Bottom	Through-feed	
Entry threads	3/4" NPT	EPB2-CCCC-TN2	EPB2-CCCC-BN2	EPB2-CCCC-CN2	
	1" NPT	EPB2-CCCC-TN3	EPB2-CCCC-BN3	EPB2-CCCC-CN3	
Nameplate marking		START, STOP or ON, OFF or Specify			
Volume (cm ³)		640			
Approx. weight (kg)		3.33			

Dimensions (in mm)

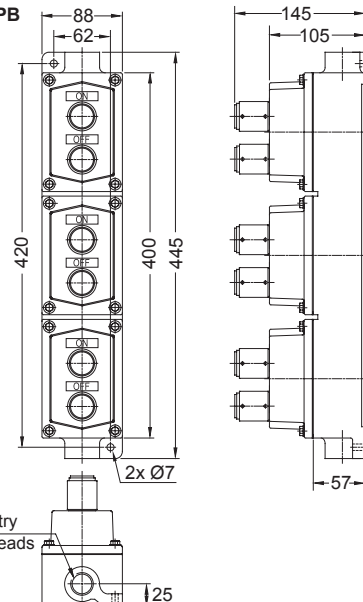
Single gang, 3PB



Two gang, 4PB



Three gang, 6PB



Ordering Requirements

Three gang, 6PB (without wiring)

					PB1 Push button, 1NO-1NC (momentary)
					PB2 Push button, 1NO-1NC (momentary)
					PB3 Push button, 1NO-1NC (momentary)
					PB4 Push button, 1NO-1NC (momentary)
					PB5 Push button, 1NO-1NC (momentary)
					PB6 Push button, 1NO-1NC (momentary)
		Cat. No.			
		Dead-end/ Top	Dead-end/ Bottom	Through-feed	
Entry threads	3/4" NPT	EPB3-CCCCC-TN2	EPB3-CCCCC-BN2	EPB3-CCCCC-CN2	
	1" NPT	EPB3-CCCCC-TN3	EPB3-CCCCC-BN3	EPB3-CCCCC-CN3	
Nameplate marking		START, STOP or ON, OFF or Specify			
Volume (cm ³)		960			
Approx. weight (kg)		4.93			

Control Station and Control Panel: Pilot Light, EPL series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 22

Ordering Requirements

Single gang, 1PL (without wiring)

		Pilot light, 220-230 V AC (Green)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPL1-22G-TN1	EPL1-22G-BN1	EPL1-22G-CN1
	3/4" NPT	EPL1-22G-TN2	EPL1-22G-BN2	EPL1-22G-CN2
Nameplate marking		RUN or ON or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.65		

		Pilot light, 220-230 V AC (Red)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPL1-22R-TN1	EPL1-22R-BN1	EPL1-22R-CN1
	3/4" NPT	EPL1-22R-TN2	EPL1-22R-BN2	EPL1-22R-CN2
Nameplate marking		STOP or OFF or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.65		

		Pilot light, 220-230 V AC (Clear)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPL1-22C-TN1	EPL1-22C-BN1	EPL1-22C-CN1
	3/4" NPT	EPL1-22C-TN2	EPL1-22C-BN2	EPL1-22C-CN2
Nameplate marking		POWER or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.65		

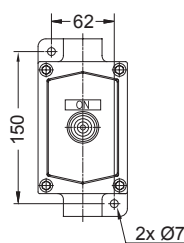
		Pilot light, 220-230 V AC (Yellow)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPL1-22Y-TN1	EPL1-22Y-BN1	EPL1-22Y-CN1
	3/4" NPT	EPL1-22Y-TN2	EPL1-22Y-BN2	EPL1-22Y-CN2
Nameplate marking		FAULT or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.65		

Single gang, 2PL (without wiring)

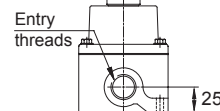
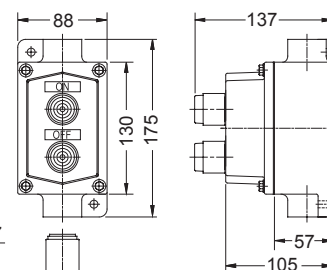
		Pilot light, 220-230 V AC (Green) Pilot light, 220-230 V AC (Red)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPL1-22GR-TN1	EPL1-22GR-BN1	EPL1-22GR-CN1
	3/4" NPT	EPL1-22GR-TN2	EPL1-22GR-BN2	EPL1-22GR-CN2
Nameplate marking		RUN, STOP or ON, OFF or Specify		
Volume (cm ³)		320		
Approx. weight (kg)		1.69		

Dimensions (in mm)

Single gang, 1PL



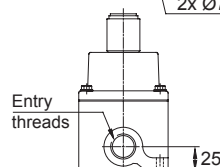
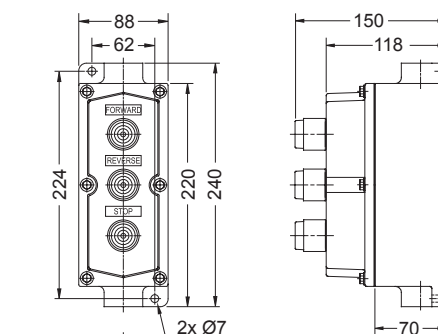
Single gang, 2PL



Single gang, 3PL (without wiring)

		Pilot light, 220-230 V AC (Yellow) Pilot light, 220-230 V AC (Green) Pilot light, 220-230 V AC (Red)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EPL1-22YGR-TN1	EPL1-22YGR-BN1	EPL1-22YGR-CN1
	3/4" NPT	EPL1-22YGR-TN2	EPL1-22YGR-BN2	EPL1-22YGR-CN2
Nameplate marking		TRIP, RUN, STOP or Specify		
Volume (cm ³)		1,180		
Approx. weight (kg)		2.95		

Single gang, 3PL



Control Station and Control Panel: Pilot Light, EPL series

Flameproof and Dust protection by enclosure

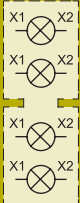
Zone 1 & 2 – 22

Ordering Requirements

Two gang, 2PL (without wiring)

				PL1 Pilot light, 220-230 V AC (Green) PL2 Pilot light, 220-230 V AC (Green)	Cat. No.
		Dead-end/ Top	Dead-end/ Bottom	Through-feed	
Entry threads	1/2" NPT	EPL2-22GG-TN1	EPL2-22GG-BN1	EPL2-22GG-CN1	
	3/4" NPT	EPL2-22GG-TN2	EPL2-22GG-BN2	EPL2-22GG-CN2	
Nameplate marking		RUN, RUN or Specify			
Volume (cm³)		640			
Approx. weight (kg)		3.19			

Two gang, 4PL (without wiring)

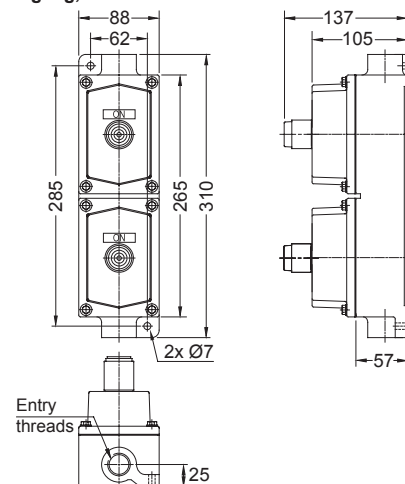
					PL1 PL2 PL3 PL4 PL1 PL2 PL3 PL4 Pilot light, 220-230 V AC (Green) Pilot light, 220-230 V AC (Red) Pilot light, 220-230 V AC (Green) Pilot light, 220-230 V AC (Red)
		Cat. No.			
		Dead-end/ Top	Dead-end/ Bottom	Through-feed	
Entry threads	3/4" NPT	EPL2-22GRGR-TN2	EPL2-22GRGR-BN2	EPL2-22GRGR-CN2	
	1" NPT	EPL2-22GRGR-TN3	EPL2-22GRGR-BN3	EPL2-22GRGR-CN3	
Nameplate marking		RUN, STOP, RUN, STOP or Specify			
Volume (cm³)		640			
Approx. weight (kg)		3.19			

Three gang, 6PL (without wiring)

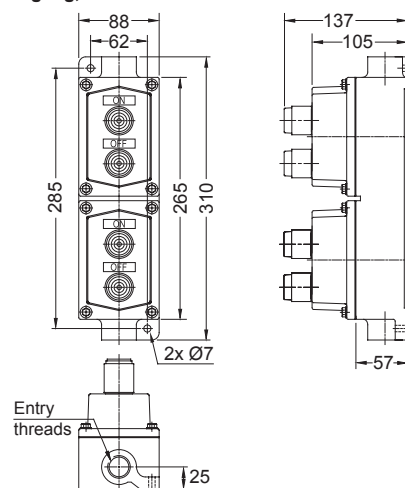
				PL1 Pilot light, 220-230 V AC (Green) PL2 Pilot light, 220-230 V AC (Red) PL3 Pilot light, 220-230 V AC (Green) PL4 Pilot light, 220-230 V AC (Red) PL5 Pilot light, 220-230 V AC (Green) PL6 Pilot light, 220-230 V AC (Red)	
		Cat. No.			
		Dead-end/ Top	Dead-end/ Bottom	Through-feed	
Entry threads	3/4" NPT	EPL3-22GRGRGR-TN2	EPL3-22GRGRGR-BN2	EPL3-22GRGRGR-CN2	
	1" NPT	EPL3-22GRGRGR-TN3	EPL3-22GRGRGR-BN3	EPL3-22GRGRGR-CN3	
Nameplate marking		RUN, STOP, RUN, STOP or Specify			
Volume (cm³)		960			
Approx. weight (kg)		3.33			

Dimensions (in mm)

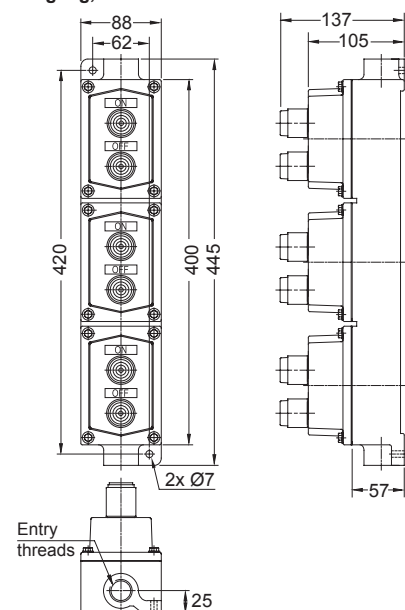
Two gang, 2PL



Two gang, 4PL



Three gang, 6PL



Control Station and Control Panel: Push Button & Pilot Light, EPBL series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 22

Ordering Requirements

Single gang, 1PL+1PB (without wiring)

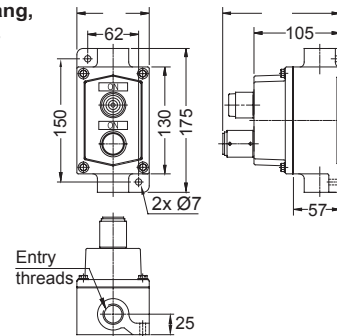
		PL Pilot light, 220-230 V AC (Green)		
		PB Push button, 1NO (momentary)		
		Cat. No.	Dead-end/ Top	Dead-end/ Bottom
Entry threads	1/2" NPT	EPBL1-A22G-TN1	EPBL1-A22G-BN1	EPBL1-A22G-CN1
	3/4" NPT	EPBL1-A22G-TN2	EPBL1-A22G-BN2	EPBL1-A22G-CN2
Nameplate marking	RUN, START or ON, ON or Specify			
Volume (cm ³)	320			
Approx. weight (kg)	2.35			

		PL Pilot light, 220-230 V AC (Green)		
		PB Push button, 1NC (momentary)		
		Cat. No.	Dead-end/ Top	Dead-end/ Bottom
Entry threads	1/2" NPT	EPBL1-B22G-TN1	EPBL1-B22G-BN1	EPBL1-B22G-CN1
	3/4" NPT	EPBL1-B22G-TN2	EPBL1-B22G-BN2	EPBL1-B22G-CN2
Nameplate marking	STOP, STOP or OFF, OFF or Specify			
Volume (cm ³)	320			
Approx. weight (kg)	2.35			

		PL Pilot light, 220-230 V AC (Green)		
		PB Push button, 1NO-1NC (momentary)		
		Cat. No.	Dead-end/ Top	Dead-end/ Bottom
Entry threads	1/2" NPT	EPBL1-C22G-TN1	EPBL1-C22G-BN1	EPBL1-C22G-CN1
	3/4" NPT	EPBL1-C22G-TN2	EPBL1-C22G-BN2	EPBL1-C22G-CN2
Nameplate marking	RUN, START or ON, ON or Specify			
Volume (cm ³)	320			
Approx. weight (kg)	2.35			

Dimensions (in mm)

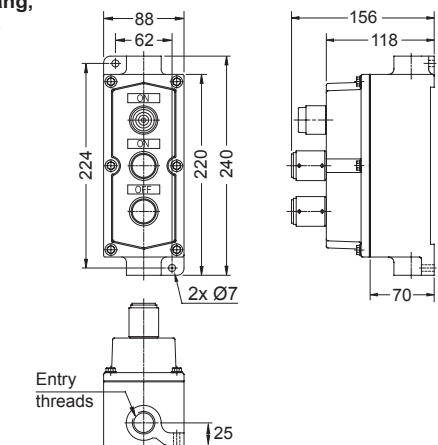
Single gang,
1PL+1PB



Single gang, 1PL+2PB (without wiring)

		PL Pilot light, 220-230 V AC (Green)		
		PB1 Push button, 1NO (momentary)		
		PB2 Push button, 1NC (momentary)		
		Cat. No.	Dead-end/ Top	Dead-end/ Bottom
Entry threads	1/2" NPT	EPBL1-AB22G-TN1	EPBL1-AB22G-BN1	EPBL1-AB22G-CN1
	3/4" NPT	EPBL1-AB22G-TN2	EPBL1-AB22G-BN2	EPBL1-AB22G-CN2
Nameplate marking	RUN, START, STOP or ON, ON, OFF or Specify			
Volume (cm ³)	1,180			
Approx. weight (kg)	2.35			

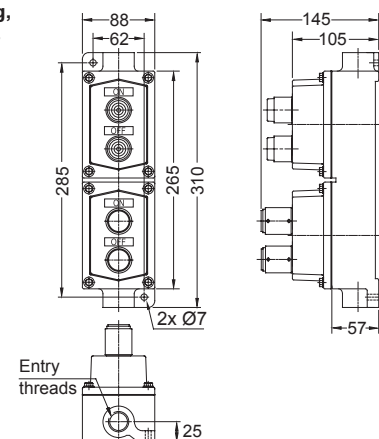
Single gang,
1PL+2PB



Two gang, 2PL+2PB (without wiring)

		PL1 Pilot light, 220-230 V AC (Green)		
		PL2 Pilot light, 220-230 V AC (Red)		
		PB1 Push button, 1NO (momentary)		
		PB2 Push button, 1NC (momentary)		
		Cat. No.	Dead-end/ Top	Dead-end/ Bottom
Entry threads	1/2" NPT	EPBL2-AB22GR-TN1	EPBL2-AB22GR-BN1	EPBL2-AB22GR-CN1
	3/4" NPT	EPBL2-AB22GR-TN2	EPBL2-AB22GR-BN2	EPBL2-AB22GR-CN2
Nameplate marking	RUN, STOP, START, STOP or ON, OFF, ON, OFF or Specify			
Volume (cm ³)	1,180			
Approx. weight (kg)	2.35			

Two gang,
2PL+2PB



Control Station and Control Panel: Emergency Push Button (Red), EEM series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 22



Ordering Requirements

		Mushroom-head push button, 1NC (Push-Pull)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EEM1-BP-TN1	EEM1-BP-BN1	EEM1-BP-CN1
	3/4" NPT	EEM1-BP-TN2	EEM1-BP-BN2	EEM1-BP-CN2
Nameplate marking		EMERGENCY STOP		
Volume (cm ³)		320		
Approx. weight (kg)		1.75		

		Mushroom-head push button, 1NO-1NC (Push-Pull)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EEM1-CP-TN1	EEM1-CP-BN1	EEM1-CP-CN1
	3/4" NPT	EEM1-CP-TN2	EEM1-CP-BN2	EEM1-CP-CN2
Nameplate marking		EMERGENCY STOP		
Volume (cm ³)		320		
Approx. weight (kg)		1.75		

		Mushroom-head push button, 2NC (Push-Pull)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EEM1-EP-TN1	EEM1-EP-BN1	EEM1-EP-CN1
	3/4" NPT	EEM1-EP-TN2	EEM1-EP-BN2	EEM1-EP-CN2
Nameplate marking		EMERGENCY STOP		
Volume (cm ³)		320		
Approx. weight (kg)		1.75		

		Mushroom-head push button, 1NC (Push-lock Turn to release)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EEM1-BL-TN1	EEM1-BL-BN1	EEM1-BL-CN1
	3/4" NPT	EEM1-BL-TN2	EEM1-BL-BN2	EEM1-BL-CN2
Nameplate marking		EMERGENCY STOP		
Volume (cm ³)		320		
Approx. weight (kg)		1.75		

		Mushroom-head push button, 1NO-1NC (Push-lock, Turn to release)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EEM1-CL-TN1	EEM1-CL-BN1	EEM1-CL-CN1
	3/4" NPT	EEM1-CL-TN2	EEM1-CL-BN2	EEM1-CL-CN2
Nameplate marking		EMERGENCY STOP		
Volume (cm ³)		320		
Approx. weight (kg)		1.75		

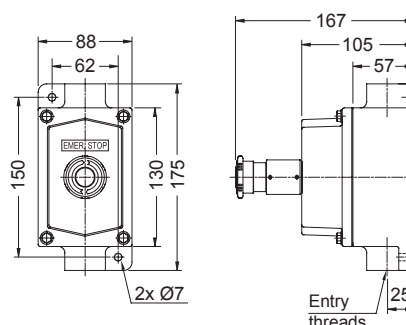
		Mushroom-head push button, 2NC (Push-lock, Turn to release)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EEM1-EL-TN1	EEM1-EL-BN1	EEM1-EL-CN1
	3/4" NPT	EEM1-EL-TN2	EEM1-EL-BN2	EEM1-EL-CN2
Nameplate marking		EMERGENCY STOP		
Volume (cm ³)		320		
Approx. weight (kg)		1.75		

		Mushroom-head push button, 1NC (Push-lock, Key to release)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EEM1-BK-TN1	EEM1-BK-BN1	EEM1-BK-CN1
	3/4" NPT	EEM1-BK-TN2	EEM1-BK-BN2	EEM1-BK-CN2
Nameplate marking		EMERGENCY STOP		
Volume (cm ³)		320		
Approx. weight (kg)		1.75		

		Mushroom-head push button, 1NO-1NC (Push-lock, Key to release)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EEM1-CK-TN1	EEM1-CK-BN1	EEM1-CK-CN1
	3/4" NPT	EEM1-CK-TN2	EEM1-CK-BN2	EEM1-CK-CN2
Nameplate marking		EMERGENCY STOP		
Volume (cm ³)		320		
Approx. weight (kg)		1.75		

		Mushroom-head push button, 2NC (Push-lock, Key to release)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EEM1-EK-TN1	EEM1-EK-BN1	EEM1-EK-CN1
	3/4" NPT	EEM1-EK-TN2	EEM1-EK-BN2	EEM1-EK-CN2
Nameplate marking		EMERGENCY STOP		
Volume (cm ³)		320		
Approx. weight (kg)		1.75		

Dimensions (in mm)

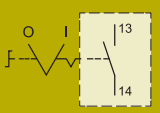


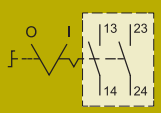
Control Station and Control Panel: Selector Switch, ESL series

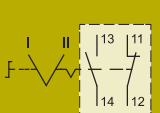
Flameproof and Dust protection by enclosure

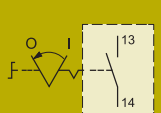
Zone 1 & 2 – 22

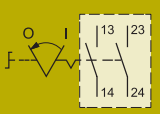
Ordering Requirements

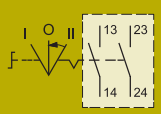
		 Selector switch, 2-position 1NO (Stay put)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	ESL1-2A-TN1	ESL1-2A-BN1	ESL1-2A-CN1
	3/4" NPT	ESL1-2A-TN2	ESL1-2A-BN2	ESL1-2A-CN2
Nameplate marking	OFF-ON			
Volume (cm³)	320			
Approx. weight (kg)	1.75			

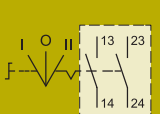
		 Selector switch, 2-position 2NO (Stay put)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	ESL1-2D-TN1	ESL1-2D-BN1	ESL1-2D-CN1
	3/4" NPT	ESL1-2D-TN2	ESL1-2D-BN2	ESL1-2D-CN2
Nameplate marking	OFF-ON			
Volume (cm³)	320			
Approx. weight (kg)	1.75			

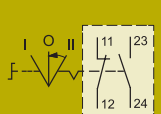
		 Selector switch, 2-position 1NO-1NC (Stay put)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	ESL1-2C-TN1	ESL1-2C-BN1	ESL1-2C-CN1
	3/4" NPT	ESL1-2C-TN2	ESL1-2C-BN2	ESL1-2C-CN2
Nameplate marking	MAN-AUTO			
Volume (cm³)	320			
Approx. weight (kg)	1.75			

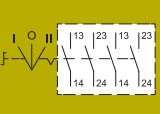
		 Selector switch, 2-position 1NO (Spring return from right)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	ESL1-2AS-TN1	ESL1-2AS-BN1	ESL1-2AS-CN1
	3/4" NPT	ESL1-2AS-TN2	ESL1-2AS-BN2	ESL1-2AS-CN2
Nameplate marking	OFF-ON			
Volume (cm³)	320			
Approx. weight (kg)	1.75			

		 Selector switch, 2-position 2NO (Spring return from right)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	ESL1-2DS-TN1	ESL1-2DS-BN1	ESL1-2DS-CN1
	3/4" NPT	ESL1-2DS-TN2	ESL1-2DS-BN2	ESL1-2DS-CN2
Nameplate marking	OFF-ON			
Volume (cm³)	320			
Approx. weight (kg)	1.75			

		 Selector switch, 3-position 2NO (Spring return from right)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	ESL1-3DS-TN1	ESL1-3DS-BN1	ESL1-3DS-CN1
	3/4" NPT	ESL1-3DS-TN2	ESL1-3DS-BN2	ESL1-3DS-CN2
Nameplate marking	MAN-OFF-AUTO			
Volume (cm³)	320			
Approx. weight (kg)	1.75			

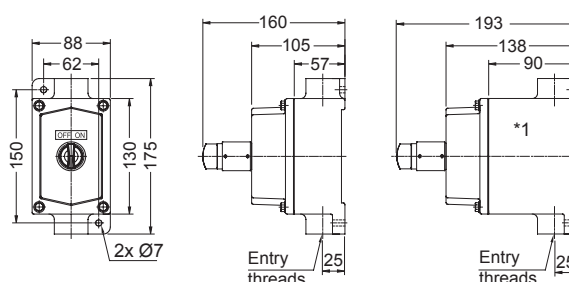
		 Selector switch, 3-position 2NO (Stay put)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	ESL1-3D-TN1	ESL1-3D-BN1	ESL1-3D-CN1
	3/4" NPT	ESL1-3D-TN2	ESL1-3D-BN2	ESL1-3D-CN2
Nameplate marking	MAN-OFF-AUTO			
Volume (cm³)	320			
Approx. weight (kg)	1.75			

		 Selector switch, 3-position 1NO-1NC (Spring return from right)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	ESL1-3CS-TN1	ESL1-3CS-BN1	ESL1-3CS-CN1
	3/4" NPT	ESL1-3CS-TN2	ESL1-3CS-BN2	ESL1-3CS-CN2
Nameplate marking	OFF-OPER-ON			
Volume (cm³)	320			
Approx. weight (kg)	1.75			

		 Selector switch, 3-position 4NO (Stay put) *1		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	ESL1-3F-TN1	ESL1-3F-BN1	ESL1-3F-CN1
	3/4" NPT	ESL1-3F-TN2	ESL1-3F-BN2	ESL1-3F-CN2
Nameplate marking	MAN-OFF-AUTO			
Volume (cm³)	320			
Approx. weight (kg)	1.75			

Dimensions (in mm)

*1 4NO contact uses the height specified below.



Control Station and Control Panel: Key Selector Switch, EKS series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 22



Ordering Requirements

		Key selector switch, 2-position 1NO (Stay put)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EKS1-2A-TN1	EKS1-2A-BN1	EKS1-2A-CN1
	3/4" NPT	EKS1-2A-TN2	EKS1-2A-BN2	EKS1-2A-CN2
Nameplate marking		OFF-ON		
Volume (cm³)		320		
Approx. weight (kg)		1.75		

		Key selector switch, 2-position 2NO (Stay put)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EKS1-2D-TN1	EKS1-2D-BN1	EKS1-2D-CN1
	3/4" NPT	EKS1-2D-TN2	EKS1-2D-BN2	EKS1-2D-CN2
Nameplate marking		OFF-ON		
Volume (cm³)		320		
Approx. weight (kg)		1.75		

		Key selector switch, 2-position 1NO-1NC (Stay put)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EKS1-2C-TN1	EKS1-2C-BN1	EKS1-2C-CN1
	3/4" NPT	EKS1-2C-TN2	EKS1-2C-BN2	EKS1-2C-CN2
Nameplate marking		MAN-AUTO		
Volume (cm³)		320		
Approx. weight (kg)		1.75		

		Key selector switch, 2-position 1NO (Spring return from right)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EKS1-2AS-TN1	EKS1-2AS-BN1	EKS1-2AS-CN1
	3/4" NPT	EKS1-2AS-TN2	EKS1-2AS-BN2	EKS1-2AS-CN2
Nameplate marking		OFF-ON		
Volume (cm³)		320		
Approx. weight (kg)		1.75		

		Key selector switch, 2-position 2NO (Spring return from right)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entries	1/2" NPT	EKS1-2DS-TN1	EKS1-2DS-BN1	EKS1-2DS-CN1
	3/4" NPT	EKS1-2DS-TN2	EKS1-2DS-BN2	EKS1-2DS-CN2
Nameplate marking		OFF-ON		
Volume (cm³)		320		
Approx. weight (kg)		1.75		

		Key selector switch, 3-position 2NO (Spring return from right)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EKS1-3DS-TN1	EKS1-3DS-BN1	EKS1-3DS-CN1
	3/4" NPT	EKS1-3DS-TN2	EKS1-3DS-BN2	EKS1-3DS-CN2
Nameplate marking		MAN-OFF-AUTO		
Volume (cm³)		320		
Approx. weight (kg)		1.75		

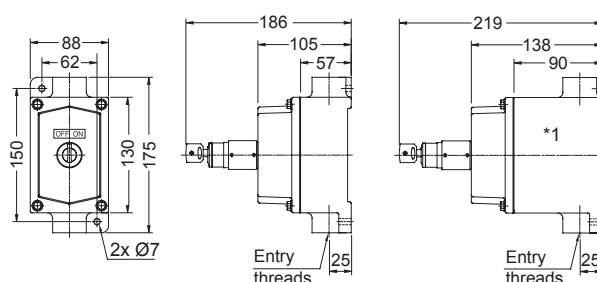
		Key selector switch, 3-position 2NO (Stay put)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EKS1-3D-TN1	EKS1-3D-BN1	EKS1-3D-CN1
	3/4" NPT	EKS1-3D-TN2	EKS1-3D-BN2	EKS1-3D-CN2
Nameplate marking		MAN-OFF-AUTO		
Volume (cm³)		320		
Approx. weight (kg)		1.75		

		Key selector switch, 3-position 1NO-1NC (Spring return from right)		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EKS1-3CS-TN1	EKS1-3CS-BN1	EKS1-3CS-CN1
	3/4" NPT	EKS1-3CS-TN2	EKS1-3CS-BN2	EKS1-3CS-CN2
Nameplate marking		OFF-OPER-ON		
Volume (cm³)		320		
Approx. weight (kg)		1.75		

		Key selector switch, 3-position 4NO (Stay put) *1		
		Cat. No.		
		Dead-end/ Top	Dead-end/ Bottom	Through-feed
Entry threads	1/2" NPT	EKS1-3F-TN1	EKS1-3F-BN1	EKS1-3F-CN1
	3/4" NPT	EKS1-3F-TN2	EKS1-3F-BN2	EKS1-3F-CN2
Nameplate marking		MAN-OFF-AUTO		
Volume (cm³)		320		
Approx. weight (kg)		1.75		

Dimensions (in mm)

*1 4NO contact uses the height specified below.





Customized Control Station Specification Sheet

EPB/ EPL/ EPBL/ ESL/ EKS/ EEM Series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 22

Project: _____ Date: _____

Customer: _____ Owner: _____

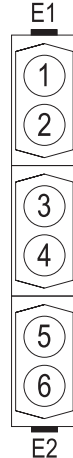
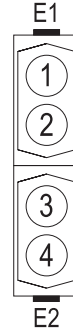
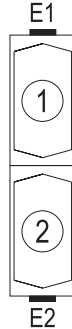
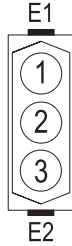
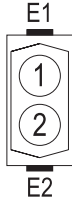
Contact person: _____

Tel: _____ Fax: _____ E-mail: _____

Quantity (Set)	
-------------------	--

Control Station Style

- ☐ Single Gang, 1-unit
 ☐ Single Gang, 2-units
 ☐ Single Gang, 3-units
 ☐ Two Gang, 2-units
 ☐ Two Gang, 4-units
 ☐ Three Gang, 3-units
 ☐ Three Gang, 6-units



Entries

- E1** ☐ 1/2" NPT ☐ 3/4" NPT
E2 ☐ 1/2" NPT ☐ 3/4" NPT

Panel Mounted Operating Devices Specifications

Unit	Panel Mounted Operating Devices	Nameplate
①	☐ Pilot Light (Voltage/ Colour) _____ ☐ Push Button (Contact/ Colour) _____ ☐ Mushroom-head Push Button (Contact/ Colour) _____ ☐ Selector Switch (Contact/ Position) _____ ☐ Key Selector Switch (Contact/ Position) _____	☐ No nameplate ☐ ON ☐ OFF ☐ RUN ☐ OVERLOAD ☐ TRIP ☐ RESET ☐ START ☐ STOP ☐ OFF-ON ☐ MAN-OFF-AUTO ☐ MAN-AUTO ☐ EMER. STOP ☐ Others _____
②	☐ Pilot Light (Voltage/ Colour) _____ ☐ Push Button (Contact/ Colour) _____ ☐ Mushroom-head Push Button (Contact/ Colour) _____ ☐ Selector Switch (Contact/ Position) _____ ☐ Key Selector Switch (Contact/ Position) _____	☐ No nameplate ☐ ON ☐ OFF ☐ RUN ☐ OVERLOAD ☐ TRIP ☐ RESET ☐ START ☐ STOP ☐ OFF-ON ☐ MAN-OFF-AUTO ☐ MAN-AUTO ☐ EMER. STOP ☐ Others _____
③	☐ Pilot Light (Voltage/ Colour) _____ ☐ Push Button (Contact/ Colour) _____ ☐ Mushroom-head Push Button (Contact/ Colour) _____ ☐ Selector Switch (Contact/ Position) _____ ☐ Key Selector Switch (Contact/ Position) _____	☐ No nameplate ☐ ON ☐ OFF ☐ RUN ☐ OVERLOAD ☐ TRIP ☐ RESET ☐ START ☐ STOP ☐ OFF-ON ☐ MAN-OFF-AUTO ☐ MAN-AUTO ☐ EMER. STOP ☐ Others _____
④	☐ Pilot Light (Voltage/ Colour) _____ ☐ Push Button (Contact/ Colour) _____ ☐ Mushroom-head Push Button (Contact/ Colour) _____ ☐ Selector Switch (Contact/ Position) _____ ☐ Key Selector Switch (Contact/ Position) _____	☐ No nameplate ☐ ON ☐ OFF ☐ RUN ☐ OVERLOAD ☐ TRIP ☐ RESET ☐ START ☐ STOP ☐ OFF-ON ☐ MAN-OFF-AUTO ☐ MAN-AUTO ☐ EMER. STOP ☐ Others _____
⑤	☐ Pilot Light (Voltage/ Colour) _____ ☐ Push Button (Contact/ Colour) _____ ☐ Mushroom-head Push Button (Contact/ Colour) _____ ☐ Selector Switch (Contact/ Position) _____ ☐ Key Selector Switch (Contact/ Position) _____	☐ No nameplate ☐ ON ☐ OFF ☐ RUN ☐ OVERLOAD ☐ TRIP ☐ RESET ☐ START ☐ STOP ☐ OFF-ON ☐ MAN-OFF-AUTO ☐ MAN-AUTO ☐ EMER. STOP ☐ Others _____
⑥	☐ Pilot Light (Voltage/ Colour) _____ ☐ Push Button (Contact/ Colour) _____ ☐ Mushroom-head Push Button (Contact/ Colour) _____ ☐ Selector Switch (Contact/ Position) _____ ☐ Key Selector Switch (Contact/ Position) _____	☐ No nameplate ☐ ON ☐ OFF ☐ RUN ☐ OVERLOAD ☐ TRIP ☐ RESET ☐ START ☐ STOP ☐ OFF-ON ☐ MAN-OFF-AUTO ☐ MAN-AUTO ☐ EMER. STOP ☐ Others _____

Nameplate Specifications

Material: Acrylic multipolymer (12x40 mm)

Legend colour: Black letter, white background

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Pilot Light,
DPL seriesPush Button,
DPB seriesMushroom-Head
Push Button, DMPB seriesSelector Switch,
DSL series

Key Selector Switch, DSLK series