

Control Station and Control Panel: Control Box, AEC2B series

Flameproof/ Increased Safety and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Application

- Corrosion resistant stainless steel enclosure.
- Applicable in areas where explosive gases/ steam exist including hydrogen and acetylene, and environments subject to dust
- Available with a variety of switches/pilot lights and enclosures.

Specification

Housing	:	Stainless steel (SUS 304)
Coating	:	5Y7/1 (semi gloss) melamine baking (coating thickness: 10µm) 1-column: Outside coating 2,3,4-column: inside & outside coating
Screws	:	Stainless steel, SUS 304



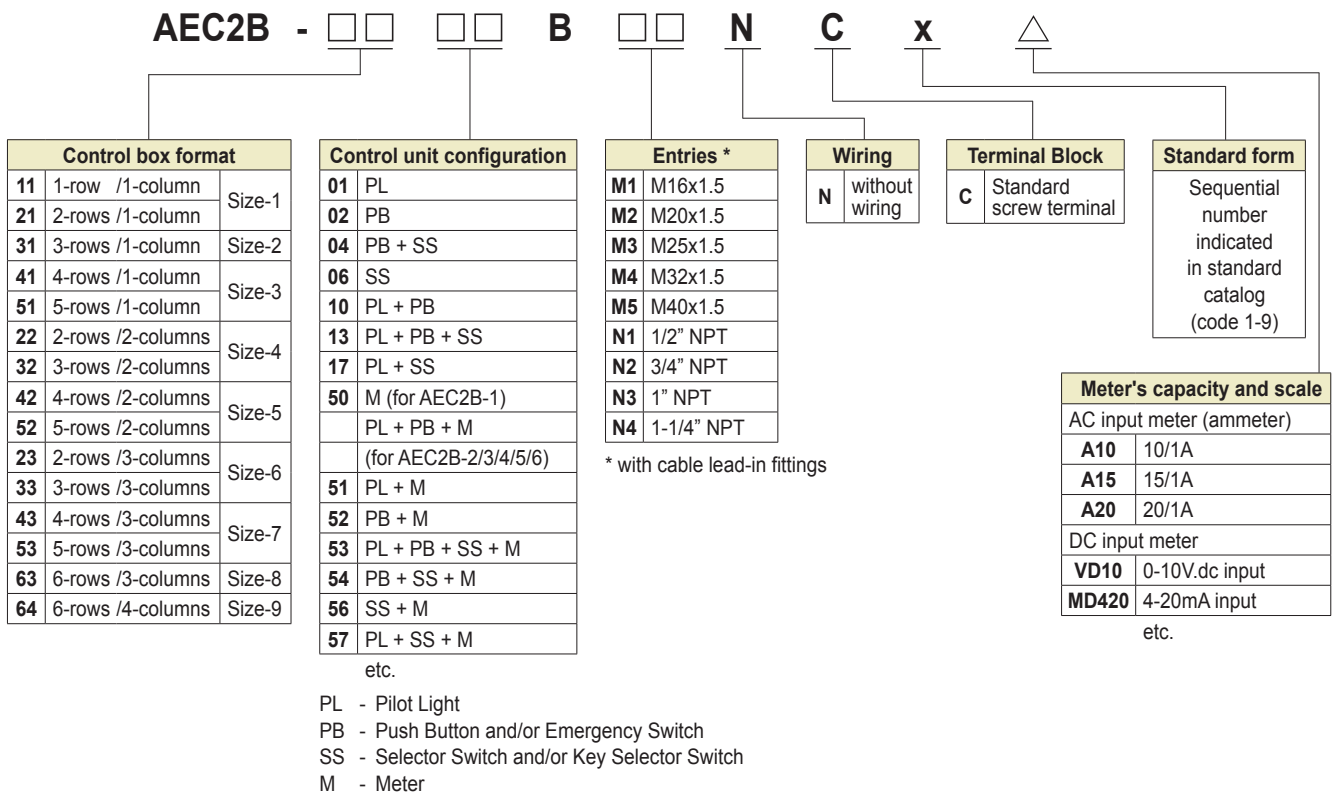
Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	Ex d e IIC 2G	Ex tb II 2D
Symbol of Protection	Ex d e IIC T6 Gb	Ex tb IIIC T80°C Db
Certificate No.	Presafe 17 ATEX 10518 IECEx PRE 17.0024	
Conformity to standards	EN 60079-0:2012/A11:2013, EN 60079-1:2007, EN 60079-7:2007, EN 60079-31:2014 IEC 60079-0:2011, IEC 60079-1:2007-04, IEC 60079-7:2006-07, IEC 60079-31:2013	
Ambient Temperature	-20°C to +50°C (no freezing)	
Index of Protection	IP65	
Mounting	Wall type	
Entries (Lead-in Fittings)	NPT or Metric thread	

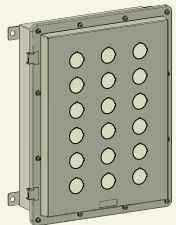
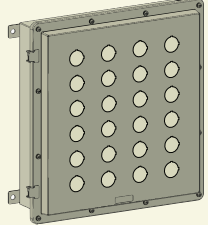
Electrical Rating

Rated insulation voltage	:	600V. (with pilot light or ET2A-8PE screw terminal block: 500V.) Meter AC input; 300V. Meter DC input; 150V.
Insulation resistance	:	100 MΩ minimum (500V.dc megger)
Operating humidity	:	45 to 85% (no condensation)
Altitude	:	2000m maximum
Applicable wire	:	Stranded wire; 1.25 to 2.5 mm. ² Solid wire; 1.2 to 1.6 mm. ² Solid/Stranded wire; 16-14 AWG






Catalogue Number Logic



Control Box Format

	1, 2-Rows		3-Rows	4-Rows	5-Rows		6-Rows	
1-Column	Size-1 (110 x 170 x 106mm.) 1-Control unit		Size-2 (110 x 220 x 106mm.) 3-Control units	Size-3 (110 x 350 x 106mm.) 4-Control units		3-Columns	Size-8 (310 x 400 x 106mm.) 18-Control units	
	2-Control units			5-Control units				
2-Columns	Size-4 (220 x 250 x 106mm.) 4-Control units				Size-5 (220 x 350 x 106mm.) 8-Control units		4-Columns	Size-9 (380 x 400 x 106mm.) 24-Control units
	6-Control units		10-Control units					
3-Columns	Size-6 (310 x 250 x 106mm.) 6-Control units		Size-7 (310 x 350 x 106mm.) 12-Control units		15-Control units			
	9-Control units		15-Control units					


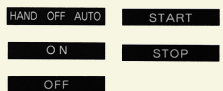


Control Units

Control Unit	Pilot Light		Push Button			Emergency Stop Switch
Shape	Round		Flush	Extended	Mushroom	Mushroom (Ø40)
Operation	-		Momentary			Push-to-lock, pull or turn-to-reset
Shape						
Illumination colour/ button colour	R (red) G (green) Y (yellow) A (amber) W (white) S (blue) PW (pure white)		B (black) G (green) R (red) W (white) Y (yellow) S (blue)			R (red)
Part No.	EU2B-YL		EU2B-YB1	EU2B-YB2	EU2B-YB3	EU2B-YBV

Control Unit	Selector Switch		Meter
	Knob Operator	Key	
Shape			
Part No.	EU2B-YS	EU2B-YSK	EU2B-YM

For details, see page D68 to D71/77

Nameplate/ Mounting Hole Plug

Control Unit	Control Unit Nameplate	Marking Plates for Control Unit Nameplate	Emergency Stop Switch Nameplate Sticker	Control Unit Mounting Hole Plug
Shape				
Part No.	EU9Z-NM	AEU9Z-NP	EU9Z-NVS	EU9Z-BP

For details, see page D76/77

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Cable Lead-in Fittings

Wall Mount

Reducers

Reducers installed at the bottom of the control box are as follows:

- 1 column: 1 reducer
 - 2 columns: 2 reducers
 - 3 columns: 3 reducers
 - 4 columns: 4 reducers
- Material: brass (nickel-plated)



The following optional reducers can also be installed.

Control Unit	Part No.	Thread Size	Symbol
Size 1 1-Column	EC9E-H3M16E-UL	M16x1.5	M1
Size 2 1-Column	EC9E-H3M20E-UL	M20x1.5	M2
Size 4 2-Columns	EC9E-H3M25E-UL	M25x1.5	M3
Size 6 3-Columns	EC9E-H3M32E-UL	M32x1.5	M4
	EC9E-H3NPT1E-UL	1/2" NPT	N1
	EC9E-H3NPT2E-UL	3/4" NPT	N2
	EC9E-H3NPT3E-UL	1" NPT	N3
Size 3 1-Column	EC9E-H4M25E-UL	M25x1.5	M3
Size 5 2-Columns	EC9E-H4M32E-UL	M32x1.5	M4
Size 7 3-Columns	EC9E-H4M40E-UL	M40x1.5	M5
Size 8 3-Columns	EC9E-H4NPT2E-UL	3/4" NPT	N2
Size 9 4-Columns	EC9E-H4NPT3E-UL	1" NPT	N3
	EC9E-H4NPT4E-UL	1-1/4" NPT	N4

Terminal Block

A terminal block is not supplied with the standard control boxes (without wiring).

When wiring inside the control box is required, specify the wiring circuit.

The terminal block type used on the control boxes with wiring depends on the terminal style of the control unit.

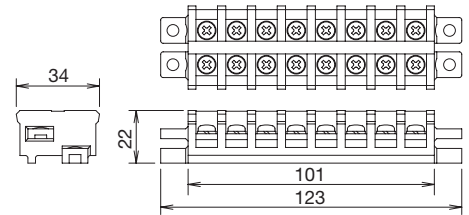
C terminal style (exposed screw terminal)

Applicable terminal block: ET2A-8PE (material: polyamide)

Certification numbers:

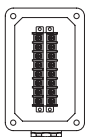
IECEX TUR 15.0043U

TÜV 15 ATEX 7799U

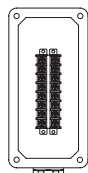


The number of terminal blocks, poles, and the installation direction that can be installed on the control box are as follows:

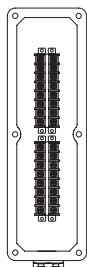
Size-1, 1-Column
(1-Terminal block/
8-poles)



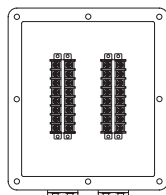
Size-2, 1-Column
(1-Terminal block/
8-poles)



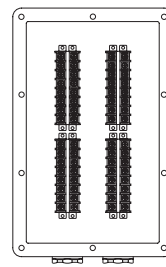
Size-3, 1-Column
(2-Terminal block/
16-poles)



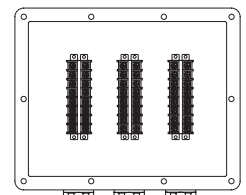
Size-4, 2-Columns
(2-Terminal block/
16-poles)



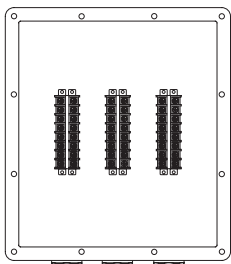
Size-5, 2-Columns
(4-Terminal block/
32-poles)



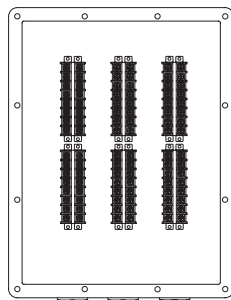
Size-6, 3-Columns
(3-Terminal block/
24-poles)



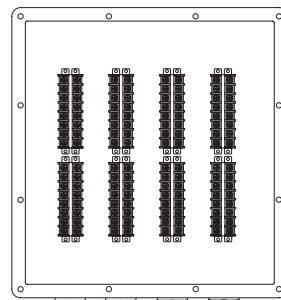
Size-7, 3-Columns
(3-Terminal block/
24-poles)



Size-8, 3-Columns
(6-Terminal block/
48-poles)




Size-9, 4-Columns
(8-Terminal block/
64-poles)

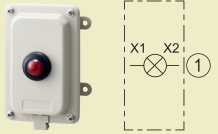


1-Control Unit (without wiring) (Standard models)

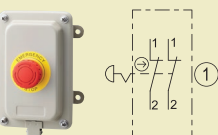
1x Push Button

Shape/ Symbol	Mounted Control Units			
 <p>(1NO-1NC contact)</p>	<p>Flush momentary 1NO contact Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)</p>	<p>Flush momentary 1NC contact Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)</p>	<p>Flush momentary 1NO-1NC contact Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)</p>	<p>Flush momentary 1NO-1NC contact Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)</p>
Entries	M25x1.5	M25x1.5	M25x1.5	M25x1.5
Catalogue No.	AEC2B-1102BM3NC1	AEC2B-1102BM3NC2	AEC2B-1102BM3NC3	AEC2B-1102BM3NC4

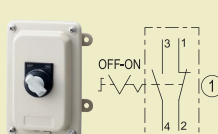
1x Pilot Light

Shape/ Symbol	Mounted Control Units					
	<p>110/110V.ac Illumination Colour; Red</p>	<p>200/220V.ac Illumination Colour; Red</p>	<p>24V.ac/dc Illumination Colour; Red</p>	<p>110/110V.ac Illumination Colour; Green</p>	<p>200/220V.ac Illumination Colour; Green</p>	<p>24V.ac/dc Illumination Colour; Green</p>
Entries	M25x1.5	M25x1.5	M25x1.5	M25x1.5	M25x1.5	M25x1.5
Catalogue No.	AEC2B-1101BM3NC1	AEC2B-1101BM3NC2	AEC2B-1101BM3NC3	AEC2B-1101BM3NC4	AEC2B-1101BM3NC5	AEC2B-1101BM3NC6

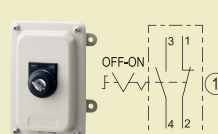
1x Emergency Stop Switch

Shape/ Symbol	Mounted Control Units
	<p>Emergency stop switch 2NC contact Nameplate; EMERGENCY STOP Button colour; Red</p>
Entries	M25x1.5
Catalogue No.	AEC2B-1102BM3NC7

1x Selector Switch

Shape/ Symbol	Mounted Control Units
	<p>Knob selector 2-positions maintained 1NO-1NC contact Nameplate; OFF-ON</p>
Entries	M25x1.5
Catalogue No.	AEC2B-1106BM3NC1

1x Key Selector Switch

Shape/ Symbol	Mounted Control Units
	<p>Knob selector 2-positions maintained (removable at all positions) 1NO-1NC contact Nameplate; OFF-ON</p>
Entries	M25x1.5
Catalogue No.	AEC2B-1106BM3NC4

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2-Control Units (without wiring) (Standard models)

2x Push Buttons

Shape/ Symbol	Mounted Control Units
	① Flush momentary 1NO contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)
	② Flush momentary 1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)
Entries	M25x1.5
Catalogue No.	AEC2B-2102BM3NC1

2x Mushroom Push Buttons

Shape/ Symbol	Mounted Control Units
	① Mushroom momentary 1NO-1NC contact, Nameplate; ON Button colour; Black
	② Mushroom momentary 1NO-1NC contact, Nameplate; OFF Button colour; Red
Entries	M25x1.5
Catalogue No.	AEC2B-2102BM3NC4

Combination 1x Pilot Light/ 1x Push Button

Shape/ Symbol	Mounted Control Units		
	① 110/110V.ac Illumination Colour; Red	200/220V.ac Illumination Colour; Red	24V.ac/dc Illumination Colour; Red
	② Flush momentary 1NO-1NC contact Nameplate; STOP Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact Nameplate; STOP Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact Nameplate; STOP Button colour (supplied with Black, Green, Red, and White buttons)
Entries	M25x1.5	M25x1.5	M25x1.5
Catalogue No.	AEC2B-2110BM3NC1	AEC2B-2110BM3NC2	AEC2B-2110BM3NC3

Combination 1x Pilot Light/ 1x Selector Switch

Shape/ Symbol	Mounted Control Units		
	① 110/110V.ac Illumination Colour; Red	200/220V.ac Illumination Colour; Red	
	② Knob selector, 2-positions maintained 1NO-1NC contact Nameplate; OFF-ON		Knob selector, 2-positions maintained 1NO-1NC contact Nameplate; OFF-ON
Entries	M25x1.5	M25x1.5	
Catalogue No.	AEC2B-2117BM3NC1	AEC2B-2117BM3NC2	

3-Control Units (without wiring) (Standard models)


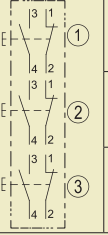
Combination 1x Pilot Light/ 2x Push Buttons

Shape/ Symbol	Mounted Control Units		
	① 110/110V.ac Illumination Colour; Red	200/220V.ac Illumination Colour; Red	24V.ac/dc Illumination Colour; Red
	② Flush momentary 1NO contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)
	③ Flush momentary 1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)
Entries	M25x1.5	M25x1.5	M25x1.5
Catalogue No.	AEC2B-3110BM3NC1	AEC2B-3110BM3NC2	AEC2B-3110BM3NC3


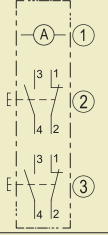


3 Control Units (without wiring) (Standard models)

3x Push Buttons

Shape/ Symbol	Mounted Control Units	
 	①	Flush momentary 1NO-1NC contact, Nameplate; Blank
	②	Button colour (supplied with Black, Green, Red, and White buttons)
	③	
Entries	M25x1.5	
Catalogue No.	AEC2B-3102BM3NC1	


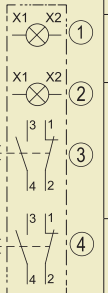
1x Meter/ 2x Push Buttons

Shape/ Symbol	Mounted Control Units	
 	①	Specify input, capacity, and scale
	②	Flush momentary 1NO-1NC contact, Nameplate; Blank
	③	Button colour (supplied with Black, Green, Red, and White buttons)
Entries	M25x1.5	
Catalogue No.	AEC2B-3152BM3NC1△	


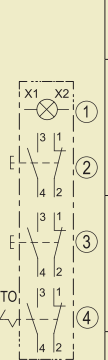



• Specify the meter's capacity and scale in place of △ in the Cat. No.

4-Control Units (without wiring) (Standard models)

2x Pilot Lights/ 2x Push Buttons

Shape/ Symbol	Mounted Control Units			
 	①	110/110V.ac Illumination Colour; Red	200/220V.ac Illumination Colour; Red	24V.ac/dc Illumination Colour; Red
	②	110/110V.ac Illumination Colour; Green	200/220V.ac Illumination Colour; Green	24V.ac/dc Illumination Colour; Green
	③	Flush momentary 1NO-1NC contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)
	④	Flush momentary 1NO-1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)
Entries	M25x1.5	M25x1.5	M25x1.5	M25x1.5
Catalogue No.	AEC2B-4110BM3NC1	AEC2B-4110BM3NC2	AEC2B-4110BM3NC3	

1x Pilot Light/ 2x Push Buttons/ 1x Selector Switch

Shape/ Symbol	Mounted Control Units			
 	①	110/110V.ac Illumination Colour; Red	200/220V.ac Illumination Colour; Red	24V.ac/dc Illumination Colour; Red
	②	Flush momentary 1NO-1NC contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)
	③	Flush momentary 1NO-1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)
	④	Knob selector, 2-positions maintained 1NO-1NC contact Nameplate; MAN-AUTO 	Knob selector, 2-positions maintained 1NO-1NC contact Nameplate; MAN-AUTO 	Knob selector, 2-positions maintained 1NO-1NC contact Nameplate; MAN-AUTO 
Entries	M25x1.5	M25x1.5	M25x1.5	M25x1.5
Catalogue No.	AEC2B-4113BM3NC1	AEC2B-4113BM3NC2	AEC2B-4113BM3NC3	

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5-Control Units (without wiring) (Standard models)

2x Pilot Lights/ 2x Push Buttons/ 1x Selector Switch

Shape/ Symbol	Mounted Control Units			
	①	110/110V.ac Illumination Colour; Red	200/220V.ac Illumination Colour; Red	24V.ac/dc Illumination Colour; Red
	②	110/110V.ac Illumination Colour; Green	200/220V.ac Illumination Colour; Green	24V.ac/dc Illumination Colour; Green
	③	Flush momentary 1NO-1NC contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact, Nameplate; ON Button colour (supplied with Black, Green, Red, and White buttons)
	④	Flush momentary 1NO-1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)	Flush momentary 1NO-1NC contact, Nameplate; OFF Button colour (supplied with Black, Green, Red, and White buttons)
	⑤	Knob selector, 2-positions maintained 1NO-1NC contact Nameplate; MAN-AUTO	 Knob selector, 2-positions maintained 1NO-1NC contact Nameplate; MAN-AUTO	 Knob selector, 2-positions maintained 1NO-1NC contact Nameplate; MAN-AUTO
Entries	M25x1.5	M25x1.5	M25x1.5	M25x1.5
Catalogue No.	AEC2B-5113BM3NC1	AEC2B-5113BM3NC2	AEC2B-5113BM3NC3	AEC2B-5113BM3NC3



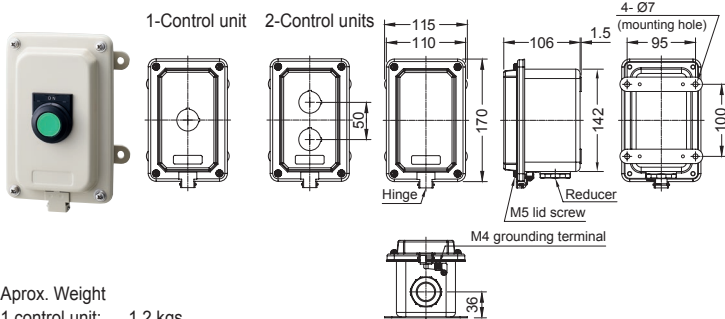
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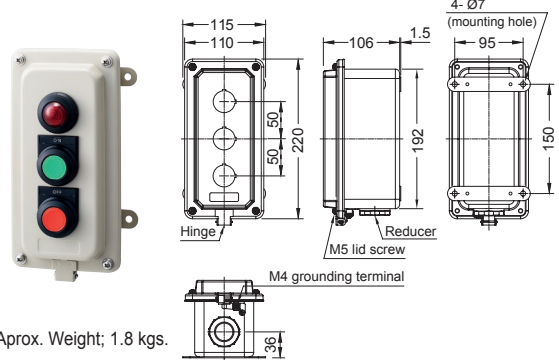
Dimension

Control Box Size-1



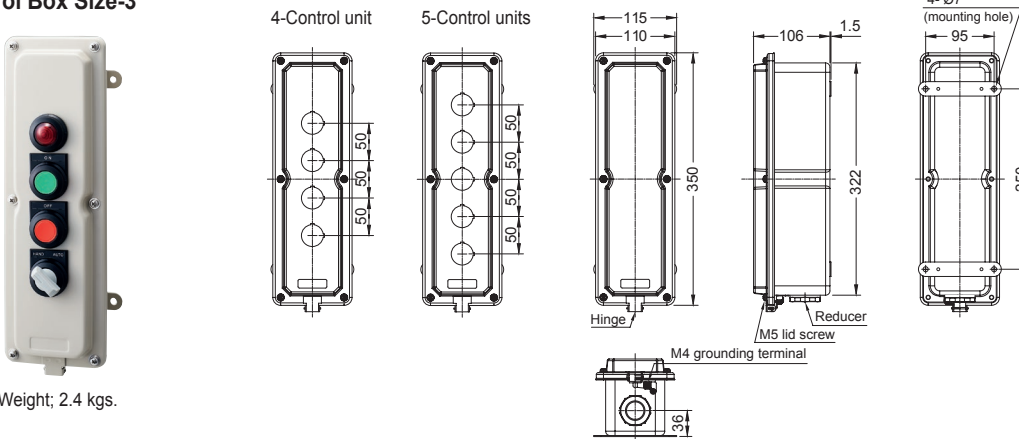
Aprox. Weight
1 control unit; 1.2 kgs.
2 control units; 1.4 kgs.

Control Box Size-2



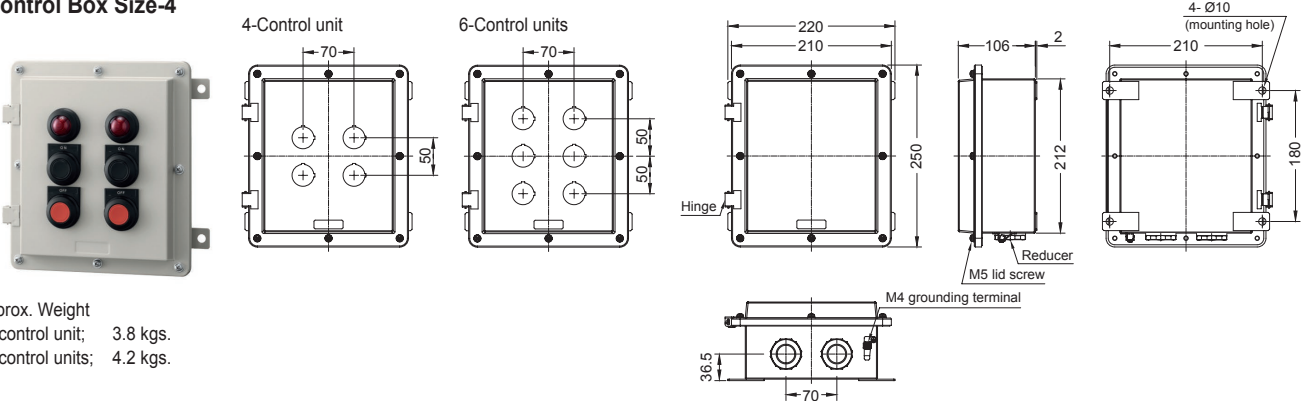
Aprox. Weight; 1.8 kgs.

Control Box Size-3



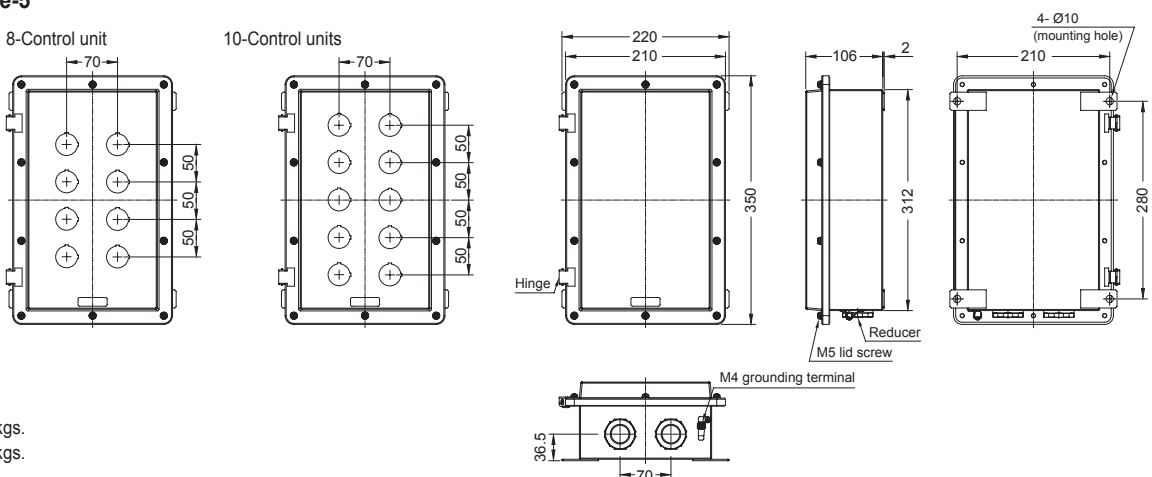
Aprox. Weight; 2.4 kgs.

Control Box Size-4



Aprox. Weight
4 control unit; 3.8 kgs.
6 control units; 4.2 kgs.

Control Box Size-5



Aprox. Weight
8 control unit; 4.6 kgs.
10 control units; 5.0 kgs.

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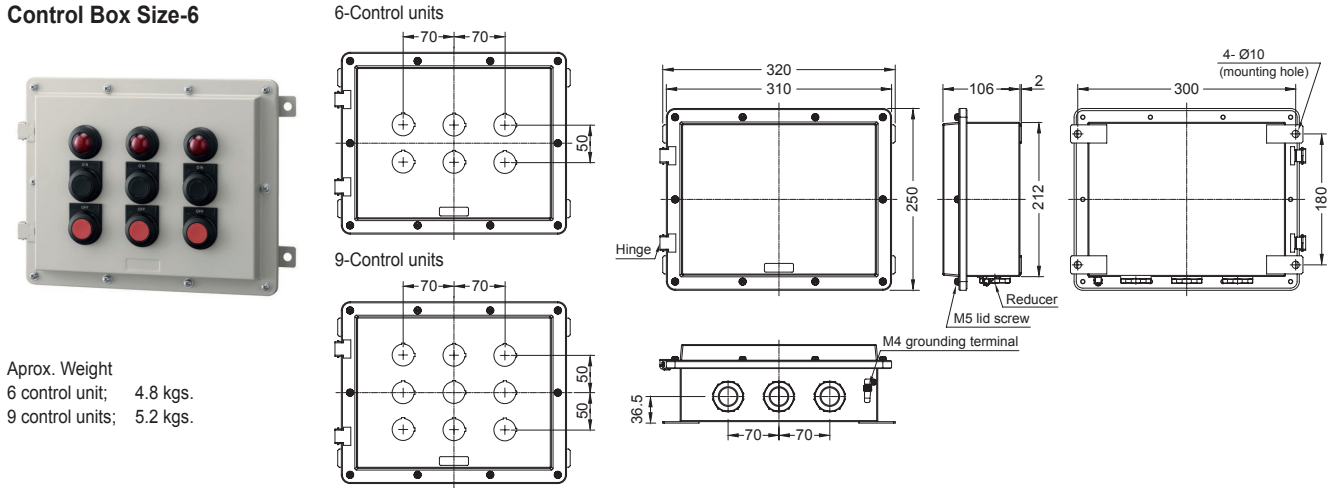
Flameproof/ Increased Safety and Dust protection by enclosure

Zone 1 & 2 – 21 & 22

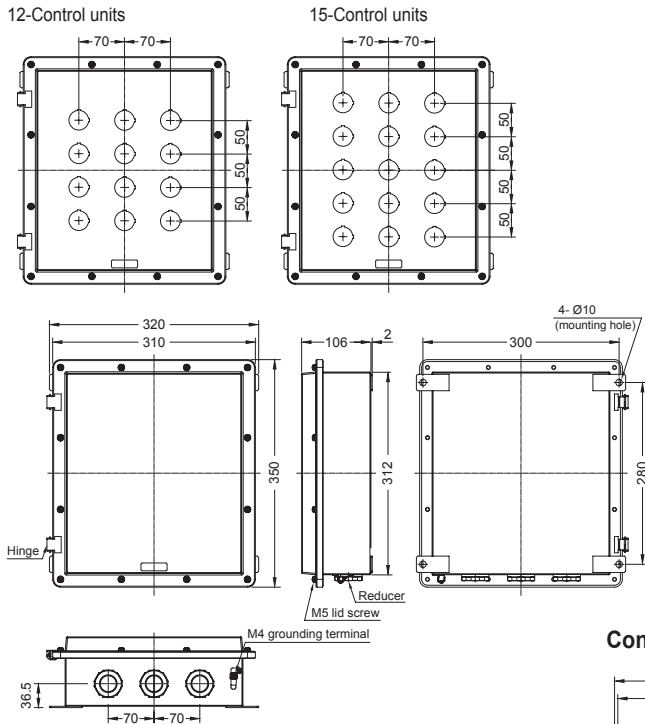


Dimension

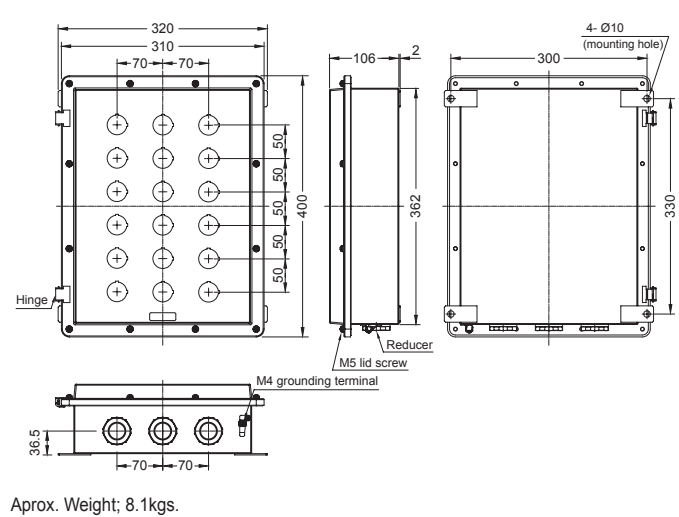
Control Box Size-6



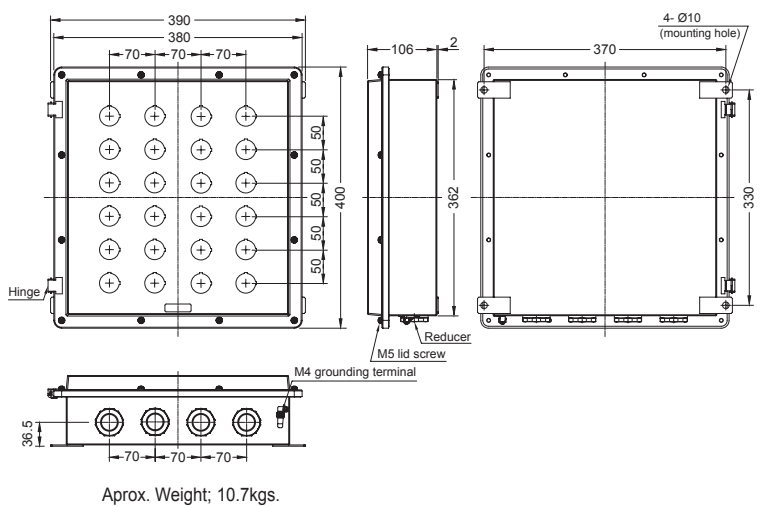
Control Box Size-7



Control Box Size-8



Control Box Size-9





Control Station and Control Panel: Control Box, AEC2B series

Flameproof/ Increased Safety and Dust protection by enclosure

Zone 1 & 2 – 21 & 22

Applicable Standards

Control Units	Applicable Standards	Mark	Certification No.
Pushbuttons	EN60947-5-1	CE	EU Low Voltage Directive
Selector Switches	EN60079-0	Ex	PTB 08 ATEX 1053U PTB 08 ATEX 1003U
Key Selector Switches	EN60079-1 EN60079-7 EN60079-31		
Pilot Lights	IEC60079-0		
Meters	IEC60079-1 IEC60079-7 IEC60079-31	IECEx	IECEx PTB 15.0006U IECEx PTB 15.0007U
Emergency Stop Switches	EN60947-5-5	TUV	

Pilot Light Specifications

Rated Insulation Voltage (Ui)	500V
Rated Operating Voltage (Ue)	6, 12, 24V.ac/dc 100/110, 115, 120, 200/220 230, 240, 380, 400/440, 480V.ac
Impulse Withstand Voltage (Uimp)	4kV
Insulation Resistance	100 MΩ minimum (500V.dc)
Frequency	50/60Hz
Power Consumption (approx.)	0.3W (24V.ac/dc) 1.5W (100/110V.ac)
Life (reference value)	Approx. 40,000 hours

- Because the built-in LED lamp is a high-luminance type, the lamp may light dimly due to induction even when the power is off.

Meter Specifications (EU2B-YM)

Accuracy Class	2.5	
Insulation Resistance	100 MΩ minimum (500V.dc megger)	
AC Ammeter	Rated Insulation Voltage (Ui)	300V
	Operation	Moving coil
	Impulse Withstand Voltage (Uimp)	4kV
	Power Consumption	1VA
	Measurement	5A, 10A, 30A, 50A, etc.
	Input (CT Ratio)	1A, 5A
	Extended Memory	3 times, etc
DC Input Meter	Rated Insulation Voltage (Ui)	150V
	Operation	Moving coil
	Impulse Withstand Voltage (Uimp)	2.5kV
	Input	0 to 10V.dc, 4 to 20mA.dc, etc
	Power Consumption (DC ammeter)	0.01W
	Power Consumption (DC voltmeter)	1mA

- Use a commercially available CT (current transformer) for AC ammeters with consumption current of 10A minimum. Install the CT in a non-hazardous location.
- AC and DC ammeters other than listed above are also available upon request, such as extended scale or red pointer.

Pointer Zero Adjustment and Red Pointer Adjustment

- Using a flat screwdriver, turn the zero adjustment pointer screw and the red pointer screw (see below).
- Zero adjustment is possible only on AC ammeters. On other meters such as DC voltmeters, DC ammeters, and tachometer, zero adjustment is not possible.

Switch Specifications

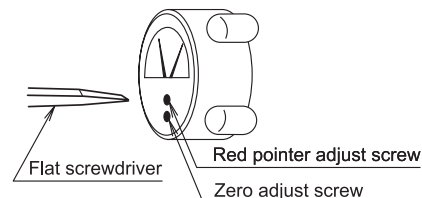
Contact Resistance	50mΩ maximum (initial value)	
Impulse Withstand Voltage (Uimp)	6kV	
Insulation Resistance	100MΩ minimum (500V.dc megger)	
Short-circuit Protection	250V/10A fuse (Type aM IEC60269-1/IEC60269-2)	
Conditional Short-circuit Current	1,000A	
Mechanical Life	Pushbutton	1,000,000 operations minimum
	Selector Switch	500,000 operations minimum
	Key Selector Switch	500,000 operations minimum
	Emergency Stop Switch	50,000 operations minimum
Electrical Life	Pushbutton	250,000 operations minimum (switching frequency 1800 operations/h)
	Selector Switch	250,000 operations minimum (switching frequency 900 operations/h)
	Key Selector Switch	250,000 operations minimum (switching frequency 900 operations/h)
	Emergency Stop Switch	50,000 operations minimum (switching frequency 900 operations/h)
Minimum Force Required for Direct Action	Emergency Stop Switch	60N
Minimum Operator Stroke Required for Direct Opening Action	Emergency Stop Switch	7.0mm
Maximum Operator Stroke	Emergency Stop Switch	9.0mm

- Contact bounce
Contacts will bounce during operation of pushbuttons and selector switches (reference value: 20 ms). Be sure to take contact bounce time into consideration when designing a control circuit.
- Replacing the control units, nameplates, padlock covers, and LED lamps by users affect the explosion-proof performance which is not guaranteed. Contact ALLOY when replacement is necessary.

Contact Ratings

Rated Insulation Voltage (Ui)		600V				
Rated Thermal Current (Ith)		10A (*)				
Rated Operating Voltage (Ue)		24V	120V	240V	500V	
Rated Operating Current (Ie)	AC 50/60Hz	Resistive Load (AC12)	10A (*)	10A (*)	6A	2.8A
		Inductive Load (AC15)	10A (*)	6A	3A	1.4A
	DC	Resistive Load (DC12)	8A	2.2A	1.1A	—
		Inductive Load (DC13)	4A	1.1A	0.55A	—

- Up to 2 contacts (per control unit): 10A
3 contacts (per control unit): 9A
Minimum applicable load: 3V.ac/dc, 5 mA
Applicable operating locations may vary according to operating conditions and load types.
- TUV ratings (emergency stop switches)
AC-15 250V/3A
DC-13 125V/1.1A



Control Station and Control Panel: Control Box, AEC2B series

Flameproof/ Increased Safety and Dust protection by enclosure

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Pilot Lights

Shape	Symbol	Contact Rating	Part No.		Illumination Colour Code *	Approx. Weight
			C terminal style: exposed screw terminal	F terminal style: Finger-safe screw terminal		
	PL	100/110V.ac 50/60Hz.	EU2B-YL116CD*	EU2B-YL116FD*	R: red A: amber W: white PW: pure white G: green Y: yellow S: blue	150g
		200/220V.ac 50/60Hz.	EU2B-YL126CD*	EU2B-YL126FD*		
		24V.ac/dc	EU2B-YL122CD*	EU2B-YL122FD*		108g
Dimension (mm) <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> C - Exposed screw terminal Panel thickness 1 to 4.5 </div> <div style="text-align: center;"> F - Finger-safe screw terminal Panel thickness 1 to 4.5 </div> <div style="text-align: center;"> </div> </div>						

- Other voltages are available: 6V.ac/dc, 12V.ac/dc, 115V.ac, 120V.ac, 230V.ac, 240V.ac, 380V.ac, 400/440V.ac, 480V.ac, 100/110/120V.ac/dc, 230/240V ac/dc. For details, see page D72/77.
- Applicable operating locations may vary according to operating conditions and load types.
- Because LED illuminated pilot lights have small input currents, they may light due to induction even when the power is off.
- Specify an illumination color code in place of * in the Part No.

Push Buttons, Momentary

Shape	Symbol	Operator	Contact	Part No.		Button Colour Code *	Approx. Weight
				C terminal style: exposed screw terminal	F terminal style: Finger-safe screw terminal		
	PB	Flush	1NO	EU2B-YB110C*D	EU2B-YB110F*D	Blank: supplied with four buttons (B, G, R, W) Y: yellow S: blue	68g
			1NC	EU2B-YB101C*D	EU2B-YB101F*D		92g
			1NO-1NC	EU2B-YB111C*D	EU2B-YB111F*D		
		Extended	1NO	EU2B-YB210C*D	EU2B-YB210F*D	B: black G: green R: red W: white Y: yellow S: blue	70g
			1NC	EU2B-YB201C*D	EU2B-YB201F*D		94g
			1NO-1NC	EU2B-YB211C*D	EU2B-YB211F*D		76g
		Mushroom	1NO	EU2B-YB310C*D	EU2B-YB310F*D		76g
			1NC	EU2B-YB301C*D	EU2B-YB301F*D		101g
			1NO-1NC	EU2B-YB311C*D	EU2B-YB311F*D		
Dimension (mm) <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> C - Exposed screw terminal Panel thickness 1 to 4.5 </div> <div style="text-align: center;"> F - Finger-safe screw terminal Panel thickness 1 to 4.5 </div> <div style="text-align: center;"> Extended </div> <div style="text-align: center;"> Mushroom </div> </div>							

- Other contact arrangements (2NO, 2NC, 1NO-2NC, 2NO-1NC, 3NO, 3NC) are also available. See page D72/77.
- Specify a button color code in place of * in the Part No.


Emergency Stop Switches, Push-to-lock or Turn-to-reset

Shape	Symbol	Operator	Contact	Part No.		Button Colour	Approx. Weight
				C terminal style: exposed screw terminal	F terminal style: Finger-safe screw terminal		
	ES	Ø40 Mushroom	2NC	EU2B-YBV302CR	EU2B-YBV302FR	Red	120g
			1NO-2NC	EU2B-YBV312CR	EU2B-YBV312FR		144g
			3NC	EU2B-YBV303CR	EU2B-YBV303FR		
Dimension (mm) <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> C - Exposed screw terminal Panel thickness 1 to 4.5 </div> <div style="text-align: center;"> F - Finger-safe screw terminal Panel thickness 1 to 4.5 </div> <div style="text-align: center;"> </div> </div>							

- Other contact arrangements (1NC, 1NO-1NC) are also available. See page D72/77 for details.
- Emergency stop switches are only available with a red button.

Selector Switches

NC contact: direct opening action (IEC 60947-5-1 Annex K)

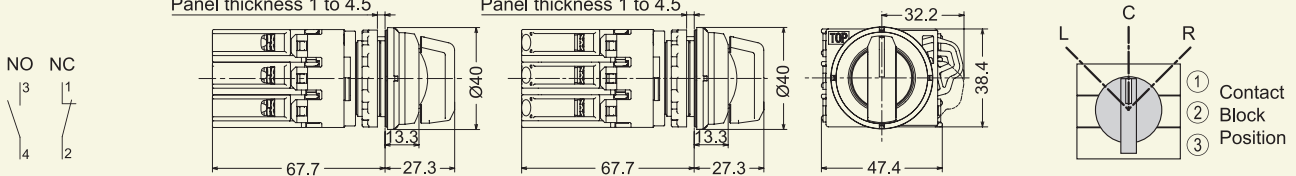
Shape	Symbol	No. of Positions	Contact Block		Operator Position		Operation	Part No.		Approx. Weight	
			Mouting Positions	Contact	L	R		C terminal style: exposed screw terminal	F terminal style: Finger-safe screw terminal		
	SS	2-positions 90°	①	NO		●	Maintained L R	EU2B-YS211C	EU2B-YS211F	98g	
			②	-							
			③	NC	●						
						L	C	R			
		3-positions 45°	①	NO	●			Maintained L C R	EU2B-YS320C		EU2B-YS320F
			②	-							
③	NO				●						

Dimension (mm)

C - Exposed screw terminal
Panel thickness 1 to 4.5

F - Finger-safe screw terminal
Panel thickness 1 to 4.5


Operator Position



- Other contact arrangements (2NO, 2NC, 1NO-2NC, 2NO-1NC, 3NO, 3NC) and overlapping contacts are also available.
- Spring return from right, spring return from left, spring return two-way also available. See pages D73 to D74/77.

Key Selector Switches

NC contact: direct opening action (IEC 60947-5-1 Annex K)

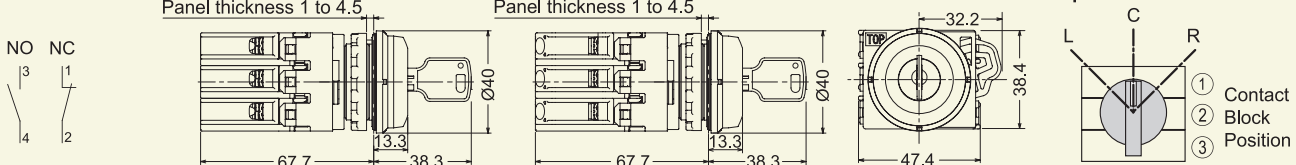
Shape	Symbol	No. of Positions	Contact Block		Operator Position		Operation	Part No.		Approx. Weight	
			Mouting Positions	Contact	L	R		C terminal style: exposed screw terminal	F terminal style: Finger-safe screw terminal		
	SS	2-positions 90°	①	NO		●	Maintained L R	EU2B-YSK211CA	EU2B-YSK211FA	120g	
			②	-							
			③	NC	●						
						L	C	R			
		3-positions 45°	①	NO	●			Maintained L C R	EU2B-YSK320CA		EU2B-YSK320FA
			②	-							
③	NC				●						

Dimension (mm)

C - Exposed screw terminal
Panel thickness 1 to 4.5

F - Finger-safe screw terminal
Panel thickness 1 to 4.5

Operator Position



- Other contact arrangements (2NO, 2NC, 1NO-2NC, 2NO-1NC, 3NO, 3NC) and overlapping contacts are also available.
- Spring return from right, spring return from left, spring return two-way also available.
- On the spring-returned, the key can released only from the maintained position. On the maintained, the key can be released from every position.
- Key retained position can be selected. See pages D73 to D74/67.
- Each key selector switch is supplied with two identical keys. Three different keys are also available.

Control Station and Control Panel: Control Box, AEC2B series

Flameproof/ Increased Safety and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Meters

Shape	Symbol	Input	Specifications	Capacity/ Scale Code	Part No.	Approx. Weight	
	M	AC input meter (ammeter)	Capacity: 5A	Expansion scale x3	5A (3)	EU2B-YM53A5 □	0.3g
			Capacity: 10/5A		10/5A (3)	EU2B-YM53A10 □	
			Capacity: 10/1A		10/1A (3)	EU2B-YM13A10 □	
			Capacity: 15/5A		15/5A (3)	EU2B-YM53A15 □	
			Capacity: 15/1A		15/1A (3)	EU2B-YM13A15 □	
			Capacity: 20/1A		20/1A (3)	EU2B-YM13A20 □	
			Capacity: 30/5A		30/5A (3)	EU2B-YM53A30 □	
			Capacity: 30/1A		30/1A (3)	EU2B-YM13A30 □	
			Capacity: 50/5A		50/5A (3)	EU2B-YM53A50 □	
			Capacity: 60/5A		60/1A (3)	EU2B-YM53A60 □	
			Capacity: 75/5A		75/5A (3)	EU2B-YM53A75 □	
			Capacity: 100/5A		100/5A (3)	EU2B-YM53A100 □	
			Capacity: 150/5A		150/5A (3)	EU2B-YM53A150 □	
		DC input meter	0-10V dc input	Scale 0 to 100%	010VD-PER	EU2B-YM010VD □ -PER	
			0-10V dc input	Scale 0 to 60Hz	010VD-60HZ	EU2B-YM010VD □ -60HZ	
			0-1mA dc input	Scale 0 to 100%	001MD-PER	EU2B-YM001MD □ -PER	
			0-1mA dc input	Scale 0 to 60Hz	001MD-60HZ	EU2B-YM001MD □ -60HZ	
			0-1mA dc input	Scale 0 to 80Hz	001MD-80HZ	EU2B-YM001MD □ -80HZ	
			4-20mA dc input	Scale 0 to 100%	420MD-PER	EU2B-YM420MD □ -PER	
4-20mA dc input	Scale 0 to 60Hz		420MD-60HZ	EU2B-YM420MD □ -60HZ			
Dimension (mm) <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Screw Terminal</p> </div> <div style="text-align: center;"> <p>Finger-safe Screw Terminal</p> </div> </div>							

- Specify a terminal style in place of □ in the Part No. C: exposed screw terminal).
- Use a commercially available CT (current transformer) for AC ammeters with consumption current of 10A minimum. Install the CT in a non-hazardous location.
- AC and DC ammeters other than listed above are also available upon request.





Control Station and Control Panel: Control Box, AEC2B series

Flameproof/ Increased Safety and Dust protection by enclosure

Zone 1 & 2 – 21 & 22

Pilot Lights

Input	Rated Voltage	Part No.		Illumination Color Code *
		Exposed Screw Terminal	Finger-safe Screw Terminal	
AC	100/110V ac	EU2B-YL116CD*	EU2B-YL116FD*	R: red G: green A: amber Y: yellow W: white S: blue PW: pure white
	115V ac	EU2B-YL1116CD*	EU2B-YL1116FD*	
	120V ac	EU2B-YL1126CD*	EU2B-YL1126FD*	
	200/220V ac	EU2B-YL126CD*	EU2B-YL126FD*	
	230V ac	EU2B-YL1236CD*	EU2B-YL1236FD*	
	240V ac	EU2B-YL1246CD*	EU2B-YL1246FD*	
	380V ac	EU2B-YL1386CD*	EU2B-YL1386FD*	
	400/440V ac	EU2B-YL146CD*	EU2B-YL146FD*	
480V ac	EU2B-YL1486CD*	EU2B-YL1486FD*		
AC/DC	6V ac/dc	EU2B-YL166CD*	EU2B-YL166FD*	
	12V ac/dc	EU2B-YL111CD*	EU2B-YL111FD*	
	24V ac/dc	EU2B-YL122CD*	EU2B-YL122FD*	
	100/110/120V ac/dc	EU2B-YL1110CD*	EU2B-YL1110FD*	
	230/240V ac/dc	EU2B-YL1240CD*	EU2B-YL1240FD*	

• Specify a color code in place of * in the Part No.

Push Buttons

Operator	Operation	Contact Arrangement	Part No.		Button Color Code *
			Exposed Screw Terminal	Finger-safe Screw Terminal	
Flush	Momentary	1NO	EU2B-YB110C*D	EU2B-YB110F*D	Blank: supplied with B (black), G (green), R (red) and W (white) buttons. Y: yellow S: blue
		1NC	EU2B-YB101C*D	EU2B-YB101F*D	
		1NO-1NC	EU2B-YB111C*D	EU2B-YB111F*D	
		2NO	EU2B-YB120C*D	EU2B-YB120F*D	
		2NC	EU2B-YB102C*D	EU2B-YB102F*D	
		2NO-1NC	EU2B-YB121C*D	EU2B-YB121F*D	
		1NO-2NC	EU2B-YB112C*D	EU2B-YB112F*D	
		3NO	EU2B-YB130C*D	EU2B-YB130F*D	
Extended	Momentary	1NO	EU2B-YB210C*D	EU2B-YB210F*D	B: black G: green R: red W: white Y: yellow S: blue
		1NC	EU2B-YB201C*D	EU2B-YB201F*D	
		1NO-1NC	EU2B-YB211C*D	EU2B-YB211F*D	
		2NO	EU2B-YB220C*D	EU2B-YB220F*D	
		2NC	EU2B-YB202C*D	EU2B-YB202F*D	
		2NO-1NC	EU2B-YB221C*D	EU2B-YB221F*D	
		1NO-2NC	EU2B-YB212C*D	EU2B-YB212F*D	
		3NO	EU2B-YB230C*D	EU2B-YB230F*D	
ø40 Mushroom	Momentary	1NO	EU2B-YB310C*D	EU2B-YB310F*D	B: black G: green R: red W: white Y: yellow S: blue
		1NC	EU2B-YB301C*D	EU2B-YB301F*D	
		1NO-1NC	EU2B-YB311C*D	EU2B-YB311F*D	
		2NO	EU2B-YB320C*D	EU2B-YB320F*D	
		2NC	EU2B-YB302C*D	EU2B-YB302F*D	
		2NO-1NC	EU2B-YB321C*D	EU2B-YB321F*D	
		1NO-2NC	EU2B-YB312C*D	EU2B-YB312F*D	
		3NO	EU2B-YB330C*D	EU2B-YB330F*D	
	3NC	EU2B-YB303C*D	EU2B-YB303F*D		

• Specify a color code in place of * in the Part No.

Emergency Stop Switches

Operator	Contact Arrangement	Part No.	
		Exposed Screw Terminal	Finger-safe Screw Terminal
ø40 Mushroom	1NC	EU2B-YBV301CR	EU2B-YBV301FR
	1NO-1NC	EU2B-YBV311CR	EU2B-YBV311FR
	2NC	EU2B-YBV302CR	EU2B-YBV302FR
	1NO-2NC	EU2B-YBV312CR	EU2B-YBV312FR
	3NC	EU2B-YBV303CR	EU2B-YBV303FR

• Emergency stop switches are only available with a red button.

Control Station and Control Panel: Control Box, AEC2B series

Flameproof/ Increased Safety and Dust protection by enclosure

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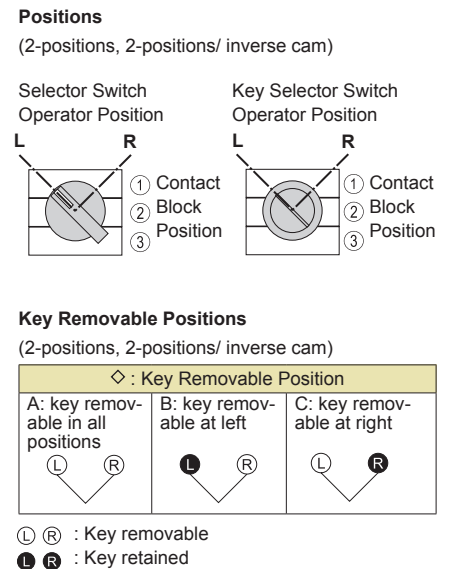
Selector Switches (2-positions)

No. of Positions	Contact Block		Operator Position		Part No.				Δ : Terminal	
	Mounting Position	Contact	L	R	Selector Switch		Key Selector Switch			
					Maintained (90°)	Spring return from right (60°)	Maintained (90°)	Spring return from right (60°)		
90° 2-Positions/60° 2-Positions	①	NO		●	EU2B-YS210Δ	EU2B-YS2110Δ	EU2B-YSK210Δ◇	EU2B-YSK2110ΔB	C: Exposed screw terminal F: Finger-safe screw terminal	
	②									
	③									
	①					EU2B-YS201Δ	EU2B-YS2101Δ	EU2B-YSK201Δ◇		EU2B-YSK2101ΔB
	②									
	③	NC	●							
	①	NO		●		EU2B-YS220Δ	EU2B-YS2120Δ	EU2B-YSK220Δ◇		EU2B-YSK2120ΔB
	②									
	③	NO			●					
	①	NC	●			EU2B-YS202Δ	EU2B-YS2102Δ	EU2B-YSK202Δ◇		EU2B-YSK2102ΔB
	②									
	③	NC	●							
	①	NO		●		EU2B-YS211Δ	EU2B-YS2111Δ	EU2B-YSK211Δ◇		EU2B-YSK2111ΔB
	②									
	③	NC	●							
	①	NO			●	EU2B-YS230Δ	EU2B-YS2130Δ	EU2B-YSK230Δ◇		EU2B-YSK2130ΔB
	②									
	③	NO			●					
	①	NC	●			EU2B-YS203Δ	EU2B-YS2103Δ	EU2B-YSK203Δ◇		EU2B-YSK2103ΔB
	②									
	③	NC	●							
①	NO			●	EU2B-YS221Δ	EU2B-YS2121Δ	EU2B-YSK221Δ◇	EU2B-YSK2121ΔB		
②										
③	NC	●								
①	NO			●	EU2B-YS212Δ	EU2B-YS2112Δ	EU2B-YSK212Δ◇	EU2B-YSK2112ΔB		
②										
③	NC	●								
①	NO			●	EU2B-YS2R11Δ	-	EU2B-YSK2R11Δ◇	-		
②										
③	NC	●								

- Specify a terminal style in place of Δ in the Part No. C: exposed screw terminal.
- Specify a key removable position code in place of ◇ in the Part No. See below for details.

Selector Switches (2-positions/inverse cam)

No. of Positions	Contact Block		Operator Position		Part No.		Δ : Terminal	
	Mounting Position	Contact	L	R	Selector Switch	Key Selector Switch		
					Maintained (90°)	Maintained (90°)		
90° 2-Positions	①	NO	●		EU2B-YS2J10Δ	EU2B-YSK2J10Δ◇	C: Exposed screw terminal F: Finger-safe screw terminal	
	②							
	③							
	①					EU2B-YS2J01Δ		EU2B-YSK2J01Δ◇
	②							
	③	NC		●		EU2B-YS2J20Δ		EU2B-YSK2J20Δ◇
	①	NO	●					
	②					EU2B-YS2J02Δ		EU2B-YSK2J02Δ◇
	③	NC		●				
	①	NO		●		EU2B-YS2J11Δ		EU2B-YSK2J11Δ◇
	②							
	③	NC		●				
	①	NO		●		EU2B-YS2J30Δ		EU2B-YSK2J30Δ◇
	②							
	③	NO		●				
	①	NC			●	EU2B-YS2J03Δ		EU2B-YSK2J03Δ◇
	②							
	③	NC			●			
	①	NO		●		EU2B-YS2J21Δ		EU2B-YSK2J21Δ◇
	②							
	③	NC			●			
①	NO		●		EU2B-YS2J12Δ	EU2B-YSK2J12Δ◇		
②								
③	NC			●				



- Specify a terminal style in place of Δ in the Part No. C: exposed screw terminal.
- Specify a key removable position code in place of ◇ in the Part No. See the details at right.

Selector Switches (3-positions)

No. of Positions	Contact Block		Operator Position		Part No.								
	Mounting Position	Contact	L	C	Selector Switch				Key Selector Switch				
					Maintained	Spring return from right	Spring return from left	Spring return two way	Maintained	Spring return from right	Spring return from left	Spring return two way	
					L C R	L C R	L C R	L C R	L C R	L C R	L C R	L C R	
1-Position	①	NO	●										
	②			●									
	③	NO			●								
2-Position	①	NO	●										
	②	NO		●									
	③	NO			●								
3-Position	①	NC		●									
	②		●										
	③	NC			●								

- Specify a terminal style in place of Δ in the Part No. C: exposed screw terminal.
- Specify a key removable position code in place of ◊ in the Part No. See below for details.

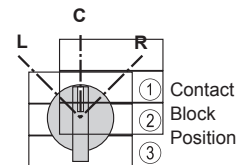
Key Removable Positions (2-Positions)

◊ : Key Removable Position			
A: key removable in all positions 	B: key removable in right and center 	C: key removable at center and right 	D: key removable in center
E: key removable at left and right 	G: key removable at left 	H: key removable at right 	
Spring return from right 	Spring return from left 	Spring return two-way 	

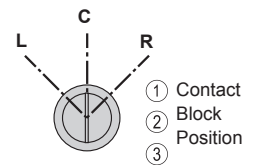
○ L R : Key removable
● L R : Key retained

Positions
(3-positions)

Selector Switch
Operator Position



Key Selector Switch
Operator Position




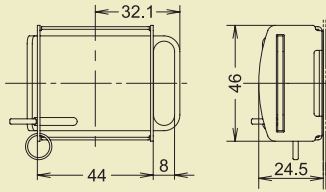
Control Station and Control Panel: Control Box, AEC2B series

Flameproof/ Increased Safety and Dust protection by enclosure


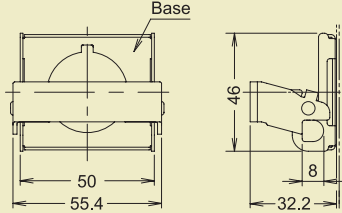
Zone 1 & 2 – 21 & 22



Plate Lock Padlock Cover

Shape	Part No.	Dimensions (mm)	Remarks
 <p>Material: SUS 304</p>	EU9Z-PC		<ul style="list-style-type: none"> Used for the following purposes. EU2B-YB2 extended push button: to maintain latched status EU2B-YB1 flush push button/EU2B-YSK key selector switch: to prevent operation

Emergency Stop Switch Padlock Cover


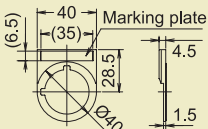
Shape	Part No.	Dimensions (mm)	Remarks
 <p>Coating: yellow Material: SUS 304</p>	EU9Z-PCE		<ul style="list-style-type: none"> Used with EU2B-YBV emergency stop switch to maintain the switch in the latched status.

Pushbutton Rubber Boots

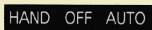

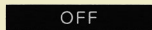

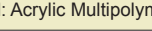
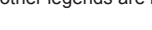
Shape	Part No.	Button Type	For use with nameplate	Rubber boot on pushbutton	Remarks
 <p>Material: Silicone rubber</p>	EU9Z-DB1	Flush	No		<ul style="list-style-type: none"> Used to protect the button of flush/ extended push buttons.
 <p>Material: Silicone rubber</p>	EU9Z-DB1N	Flush	Yes		
 <p>Material: Silicone rubber</p>	EU9Z-DB2	Extended	No		
 <p>Material: Silicone rubber</p>	EU9Z-DB2N	Extended	Yes		



Control Unit Nameplates

Shape	Part No.	Dimensions (mm)	Remarks
	EU9Z-NM		<ul style="list-style-type: none"> Used for pilot light, push button, selector switch, and key selector switch (only AEU9Z-NP marking plates can be used on EU9Z-NM control unit nameplates).


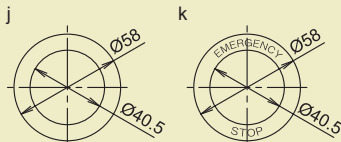

Marking Plates for Control Unit Nameplates

Shape	Legend	Part No.
	Blank	AEU9Z-NP0
	ON	AEU9Z-NP1
	OFF	AEU9Z-NP2
	START	AEU9Z-NP3
	STOP	AEU9Z-NP4
	OFF-ON	AEU9Z-NP31
	MAN-AUTO	AEU9Z-NP35
	MAN-OFF-AUTO	AEU9Z-NP53

Material: Acrylic Multipolymer

• When other legends are needed, order blank nameplate and engrave.








Emergency Stop Switch Nameplate Sticker

Shape	Legend	Part No.	Dimensions (mm)
	Blank	EU9Z-NVS0	
	EMERGENCY STOP	EU9Z-NVS27	

Material: synthetic paper
Background: yellow
Legend: black


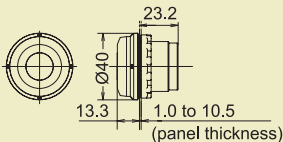
Maintenance Parts

Lens

Shape	Color	Part No.
	Red 	EU9Z-LR
	Green 	EU9Z-LG
	Amber 	EU9Z-LA
	Yellow 	EU9Z-LY
	Blue 	EU9Z-LS
	White 	EU9Z-LW (*)

* Used for W (white) and PW (pure white) illumination.

Control Unit Mounting Hole Plug

Shape	Part No.	Dimensions (mm)	Remarks
	EU9Z-BP		<ul style="list-style-type: none"> Used to plug unused mounting holes (Ø30.5) on the mounting panel. Not mountable on 1 contact block type

Customized Control Box Specification Sheet, AEC2B series

Flameproof/ Increased Safety and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Project: _____ Date: _____

Customer: _____ Owner: _____

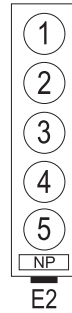
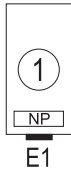
Contact person: _____

Tel: _____ Fax: _____ E-mail: _____

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

Control Box Format

- AEC2B-11..
 AEC2B-21..
 AEC2B-31..
 AEC2B-41..
 AEC2B-51..



Entries

Bottom

E1
1" NPT or M32x1.5 Max.

E2
1-1/4" NPT or M40x1.5 Max.

Nameplate (NP)

NP Letter

Control Units

Unit	Panel Mounted Operating Devices	Nameplate
①	<input type="checkbox"/> Pilot Light (Voltage/ Colour) _____ <input type="checkbox"/> Push Button (Contact/ Colour) _____ <input type="checkbox"/> Mushroom-head Push Button (Contact/ Colour) _____ <input type="checkbox"/> Selector Switch (Contact/ Position) _____ <input type="checkbox"/> Key Selector Switch (Contact/ Position) _____	<input type="checkbox"/> No nameplate <input type="checkbox"/> ON <input type="checkbox"/> OFF <input type="checkbox"/> RUN <input type="checkbox"/> OVERLOAD <input type="checkbox"/> TRIP <input type="checkbox"/> RESET <input type="checkbox"/> START <input type="checkbox"/> STOP <input type="checkbox"/> OFF-ON <input type="checkbox"/> MAN-OFF-AUTO <input type="checkbox"/> MAN-AUTO <input type="checkbox"/> EMER. STOP <input type="checkbox"/> Specify letters _____
②	<input type="checkbox"/> Pilot Light (Voltage/ Colour) _____ <input type="checkbox"/> Push Button (Contact/ Colour) _____ <input type="checkbox"/> Mushroom-head Push Button (Contact/ Colour) _____ <input type="checkbox"/> Selector Switch (Contact/ Position) _____ <input type="checkbox"/> Key Selector Switch (Contact/ Position) _____	<input type="checkbox"/> No nameplate <input type="checkbox"/> ON <input type="checkbox"/> OFF <input type="checkbox"/> RUN <input type="checkbox"/> OVERLOAD <input type="checkbox"/> TRIP <input type="checkbox"/> RESET <input type="checkbox"/> START <input type="checkbox"/> STOP <input type="checkbox"/> OFF-ON <input type="checkbox"/> MAN-OFF-AUTO <input type="checkbox"/> MAN-AUTO <input type="checkbox"/> EMER. STOP <input type="checkbox"/> Specify letters _____
③	<input type="checkbox"/> Pilot Light (Voltage/ Colour) _____ <input type="checkbox"/> Push Button (Contact/ Colour) _____ <input type="checkbox"/> Mushroom-head Push Button (Contact/ Colour) _____ <input type="checkbox"/> Selector Switch (Contact/ Position) _____ <input type="checkbox"/> Key Selector Switch (Contact/ Position) _____	<input type="checkbox"/> No nameplate <input type="checkbox"/> ON <input type="checkbox"/> OFF <input type="checkbox"/> RUN <input type="checkbox"/> OVERLOAD <input type="checkbox"/> TRIP <input type="checkbox"/> RESET <input type="checkbox"/> START <input type="checkbox"/> STOP <input type="checkbox"/> OFF-ON <input type="checkbox"/> MAN-OFF-AUTO <input type="checkbox"/> MAN-AUTO <input type="checkbox"/> EMER. STOP <input type="checkbox"/> Specify letters _____
④	<input type="checkbox"/> Pilot Light (Voltage/ Colour) _____ <input type="checkbox"/> Push Button (Contact/ Colour) _____ <input type="checkbox"/> Mushroom-head Push Button (Contact/ Colour) _____ <input type="checkbox"/> Selector Switch (Contact/ Position) _____ <input type="checkbox"/> Key Selector Switch (Contact/ Position) _____	<input type="checkbox"/> No nameplate <input type="checkbox"/> ON <input type="checkbox"/> OFF <input type="checkbox"/> RUN <input type="checkbox"/> OVERLOAD <input type="checkbox"/> TRIP <input type="checkbox"/> RESET <input type="checkbox"/> START <input type="checkbox"/> STOP <input type="checkbox"/> OFF-ON <input type="checkbox"/> MAN-OFF-AUTO <input type="checkbox"/> MAN-AUTO <input type="checkbox"/> EMER. STOP <input type="checkbox"/> Specify letters _____
⑤	<input type="checkbox"/> Pilot Light (Voltage/ Colour) _____ <input type="checkbox"/> Push Button (Contact/ Colour) _____ <input type="checkbox"/> Mushroom-head Push Button (Contact/ Colour) _____ <input type="checkbox"/> Selector Switch (Contact/ Position) _____ <input type="checkbox"/> Key Selector Switch (Contact/ Position) _____	<input type="checkbox"/> No nameplate <input type="checkbox"/> ON <input type="checkbox"/> OFF <input type="checkbox"/> RUN <input type="checkbox"/> OVERLOAD <input type="checkbox"/> TRIP <input type="checkbox"/> RESET <input type="checkbox"/> START <input type="checkbox"/> STOP <input type="checkbox"/> OFF-ON <input type="checkbox"/> MAN-OFF-AUTO <input type="checkbox"/> MAN-AUTO <input type="checkbox"/> EMER. STOP <input type="checkbox"/> Specify letters _____

Nameplate Specifications Material: Acrylic multipolymer (12 x 40mm.), Legend colour: Black letter, white background

