





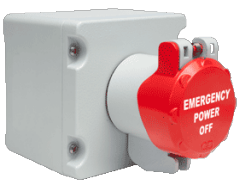
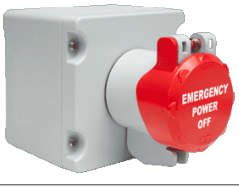
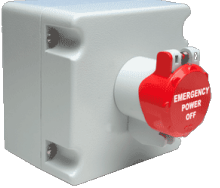
Technical Data Sheet

Emergency Power Off Control Station Range

CDPD91
Issue 2

Emergency Power Off

'Emergency Power Off' or 'EPO' control stations can be used where the safety requirements associated with Emergency Stops are not required. All items are housed in robust die-cast aluminium enclosures fitted with flap covers to prevent accidental operation. Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-5-1

Image	Description		Cat. No.
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Twist-to-reset Emergency Power Off printed flap cover Flap cover non-locking 1N/C (EMSL Lid Mount) D5 Die-cast Aluminium IP65	ND EPOL/T/F5/MG/NC
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Key-to-reset (2 Keys) Emergency Power Off printed flap cover Flap cover non-locking 1N/C (EMSL Lid Mount) D5 Die-cast Aluminium IP65	ND EPOL/K/F5/MG/NC
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Twist-to-reset Emergency Power Off printed flap cover Flap cover non-locking 1N/C (EMSL Lid Mount) D0 Die-cast Aluminium IP65	ND EPOL/T/F5/MGS/NC
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Key-to-reset (2 Keys) Emergency Power Off printed flap cover Flap cover non-locking 1N/C (EMSL Lid Mount) D0 Die-cast Aluminium IP65	ND EPOL/K/F5/MGS/NC
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Mushroom momentary action Emergency Power Off printed flap cover Flap cover non-locking 1N/C+1N/O (MT-16A) D5 Die-cast Aluminium IP65	HD EPOH/M/F5/MG/CO
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Mushroom momentary action Emergency Power Off printed flap cover Flap cover non-locking 2N/C+2N/O (MT-16A) D5 Die-cast Aluminium IP Rating IP65	HD EPOH/M/F5/MG/2CO
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Mushroom momentary action Emergency Power Off printed flap cover Flap cover non-locking 3C/O (S1-10A) D6 Die-cast Aluminium IP65	HD EPOH/M/F5/MGL/3CO

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Emergency Power Off Control Station Range

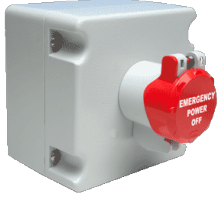
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Image	Description		Cat. No.
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Mushroom, pull-to-reset Emergency Power Off printed flap cover Flap cover non-locking 1N/C+1N/O (MT-16A) D5 Die-cast Aluminium IP65	HD EPOH/P/F5/MG/CO
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Mushroom, pull-to-reset Emergency Power Off printed flap cover Flap cover non-locking 2N/C+2N/O (MT-16A) D5 Die-cast Aluminium IP65	HD EPOH/P/F5/MG/2CO
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Mushroom, pull-to-reset Emergency Power Off printed flap cover Flap cover non-locking 3C/O (S1-10A) D6 Die-cast Aluminium IP65	HD EPOH/P/F5/MGL/3CO
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Mushroom, pull-to-reset Emergency Power Off printed flap cover Flap cover non-locking 4C/O (S1-10A) D6 Die-cast Aluminium IP65	HD EPOH/P/F5/MGL/4CO
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Mushroom key reset (2 Keys) Emergency Power Off printed flap cover Flap cover non-locking 1N/C+1N/O (MT-16A) D5 Die-cast Aluminium IP65	HD EPOH/K/F5/MG/CO
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Mushroom key reset (2 Keys) Emergency Power Off printed flap cover Flap cover non-locking 2N/C+2N/O (MT-16A) D5 Die-cast Aluminium IP65	HD EPOH/K/F5/MG/2CO
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Mushroom key reset (2 Keys) Emergency Power Off printed flap cover Flap cover non-locking 3C/O (S1-10A) D6 Die-cast Aluminium IP65	HD EPOH/K/F5/MGL/3CO
	Actuator Legend Guard Contacts Dimensions Enclosure Material IP Rating	Mushroom key reset (2 Keys) Emergency Power Off printed flap cover Flap cover non-locking 3C/O (S1-10A) D6 Die-cast Aluminium IP65	HD EPOH/K/F5/MGL/3CO

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Emergency Power Off Control Station Range






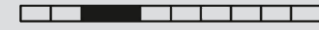
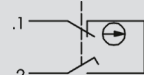

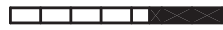


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Image	Description	Cat. No.
	Actuator Mushroom key reset (2 Keys) Legend Emergency Power Off printed flap cover Guard Flap cover non-locking Contacts 4C/O (S1-10A) Dimensions D6 Enclosure Material Die-cast Aluminium IP Rating IP65	HD EPOH/K/F5/MGL/4CO


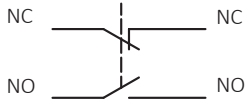
Accessories

Contact blocks are available to replace or extend the arrangements supplied as standard.

MT Series - A 'clip-in' module which can be supplied in N/O, N/C & safety formats. The clip-in housing allows for a total of three blocks per actuator.









Image	Description	Cat. No.
	Normally Closed (N/C) contact block. Momentary action. 0 1 2 3 4 5 6 7 .1/.2   .1  .2	MTO
	'Safety Contact' for Emergency Stops. -3 -2 -1 0 1 2 3 4 5 6 7 .1/.2   .1 .2	MTOSFE
	Normally Open (N/O) contact block. Momentary action. 0 1 2 3 4 5 6 7 .3/.4   .3  .4	MTI

S1 Series - The S1 contact block is designed to be stacked in pairs side-by-side and then back-to-back making a total of four changeover blocks on one Heavy Duty actuator. Three or four blocks will require extended fixing screws (U42)

Image	Description	Cat. No.
	Contact Block, Momentary Action C/O 	S1
	Assembly screw kit to enable 3 or 4 'S1' contacts to be mounted on a single Heavy Duty actuator.	U42

EMSL Series

The Monobloc assembly is designed for use in very restricted space. The contacts are assembled in the base of the actuator and cannot be supplied separately. To replace the contacts will require a new complete actuator.

Image	Description	Cat. No.	Image	Description	Cat. No.
	Base mounted normally closed contact block <ul style="list-style-type: none"> Screw termination Direct snap-on mounting to control station base Maximum tightening torque for screw terminals: 1Nm 	 EMSL/NC		Lid mounted normally closed contact block <ul style="list-style-type: none"> Screw termination Direct snap-on mounting to control station actuator Maximum tightening torque for screw terminals: 1Nm 	 CB1NC
	Base mounted normally open contact block <ul style="list-style-type: none"> Screw termination Direct snap-on mounting to control station base Maximum tightening torque for screw terminals: 1Nm 	 EMSL/NO		Lid mounted normally open contact block <ul style="list-style-type: none"> Screw termination Direct snap-on mounting to control station actuator Maximum tightening torque for screw terminals: 1Nm 	 CB1NO

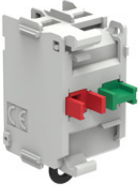
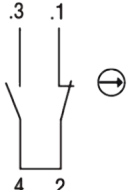
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Accessories

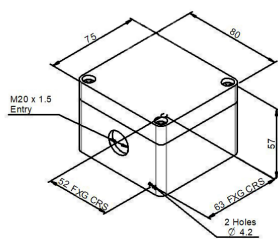
Contact blocks are available to replace or extend the arrangements supplied as standard.

EMSL Series - A 'clip-in' module which can be supplied in N/O and N/C format. Each contact block has screw termination and designed for Direct snap-on mounting to control station base. Maximum tightening torque for screw terminals: 1Nm.			
Image	Description	Cat. No.	
	<p>Lid mounted normally closed safety contact block available for Emergency Stop control stations. When inserted the Red plunger will be operated by the pushbutton actuator, the green plunger will retain a N/C contact when the block is pushed fully home and clicked in-place. Should for any reason the block become loose, the contact under the green plunger will open and initiate a stop function.</p> <ul style="list-style-type: none"> Screw termination Direct snap-on mounting to control station actuator Maximum tightening torque for screw terminals: 1Nm 	 CB01NCSM	

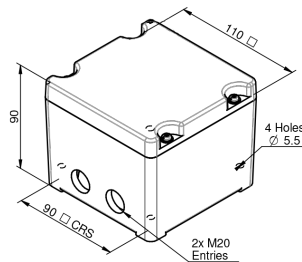
Technical Specification - Control Stations

Data supplied against tests to BS EN 60947-5-1

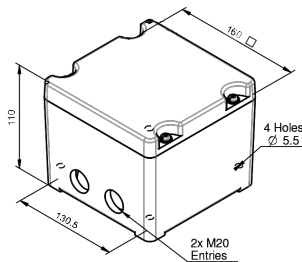
Series	Current	Utilisation Category	Rated Insulation Voltage (U _i)	Rated Operational Voltage (U _e) / Current (I _e)										Breaking Capacity	Continuous thermal current (I _{th})
				V	-	-	-	-	250	440	-	-	-		
MT	a.c.	AC15 A600	600V	V	-	-	-	-	250	440	-	-	-	10Ie	16A
				A	-	-	-	-	3	1.6	-	-	-		
	d.c.	DC13 Q600	600V	V		24	60	125	250	440				1.1Ie	16A
				A		2	1	0.4	0.2	0.12					
S1	a.c.	AC15	660V	V	-	-	-	-	-	400	-	-	-	-	10A
				A	-	-	-	-	-	5	-	-	-		
EMSL	a.c.	AC15	690V	V	12	24	48	120	240	400	480	500	600	10Ie	10A
				A	6	6	6	6	6	3	1.5	1.4	1.2		
	d.c.	DC13	690V	V	12	24	48	125	250	440	-	500	600	1.1Ie	10A
				A	3	3	1.5	0.55	0.27	0.15	-	0.13	0.1		



Enclosure D0
Material Die-Cast Aluminium
Colour Grey (RAL 7001)
Entries 1 x M20
Fixings 2 x M4



Enclosure D5
Material Die-Cast Aluminium
Colour Grey (RAL 7035)
Entries 2 x M20
Fixings 4 x M5



Enclosure D6
Material Die-Cast Aluminium
Colour Grey (RAL 7035)
Entries 2 x M20
Fixings 4 x M5