

Technical Data Sheet

Emergency Power Off Control Station Range

CDPD91
Issue 3


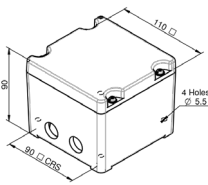

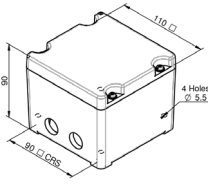

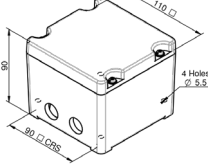

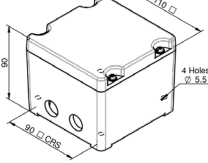

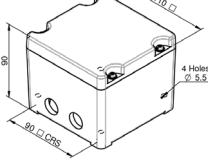
Emergency Power Off Control Stations

'Emergency Power Off' or 'EPO' control stations can be used where the safety requirements associated with Emergency Stops are not required.

Typical uses would include:-

- Computer suites
- School workshops
- Water treatment plants
- Service and maintenance

All items are housed in robust Die-Cast Aluminium enclosures fitted with flap covers to prevent accidental operation.

Image	Cat. No.	Description		Dimensions
	EPOH/T/F5/MG/NC	Actuator Legend Guard Contacts Enclosure Material IP Rating Entries Fixings	Twist-To-Reset Emergency Power Off Printed Flap Cover Flap Cover Non-Locking 1N/C (EMSL Lid Mount) Die-Cast Aluminium IP65 2 x M20 4 x M5	ND 
	EPOH/K/F5/MG/NC	Actuator Legend Guard Contacts Enclosure Material IP Rating Entries Fixings	Key-To-Reset (2 Keys) Emergency Power Off Printed Flap Cover Flap cover non-locking 1N/C (EMSL Lid Mount) Die-Cast Aluminium IP65 2 x M20 4 x M5	ND 
	EPOH/M/F5/MG/CO	Actuator Legend Guard Contacts Enclosure Material IP Rating Entries Fixings	Mushroom Momentary Action Emergency Power Off printed flap cover Flap cover non-locking 1N/C+1N/O (MT-16A) Die-Cast Aluminium IP65 2 x M20 4 x M5	HD 
	EPOH/P/F5/MG/CO	Actuator Legend Guard Contacts Enclosure Material IP Rating Entries Fixings	Mushroom, Pull-To-Reset Emergency Power Off printed flap cover Flap cover non-locking 1N/C+1N/O (MT-16A) Die-Cast Aluminium IP65 2 x M20 4 x M5	HD 
	EPOH/K/F5/MG/CO	Actuator Legend Guard Contacts Enclosure Material IP Rating Entries Fixings	Mushroom Key Reset (2 Keys) Emergency Power Off printed flap cover Flap cover non-locking 1N/C+1N/O (MT-16A) Die-Cast Aluminium IP65 2 x M20 4 x M5	HD 

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Technical Specification
Electrical Ratings- BS EN 60947-5-1

EMSL Series										
Application										
IEC/EN Operational characteristics (AC15)	V	12	24	48	120	240	400	480	500	600
	A	6	6	6	6	6	3	1.5	1.4	1.2
IEC/EN Operational characteristics (DC13)	V	12	24	48	125	250	-	440	500	600
	A	3	3	1.5	0.55	0.27	-	0.15	0.13	0.1
Short circuit protection fuse (max calibre)		10A gG/SC								
Contact resistance		≤20m Ω								
Terminals		Clamp screw with washer Faston 1x 6.35mm (0.25") 2x 2.8mm (0.11")								
Maximum conductor cross section for screw terminals		1 or 2 2.5mm² or AWG14 cables								
Mechanical & electrical endurance: Operating force		≤0.5kg / 1.1lb (auxiliary contacts)								
Mechanical & electrical endurance: Electrical life		1,000,000 cycles / 600,000 cycles								
Compliant with standard		IEC/EN 60947-1, IEC/EN 60947-5-1, UL508, CSA C22.2 n° 14.								
MT Series										
Application										
Storage Temperature	-50°C up to +85°C									
Operating Temperature	-30°C up to +85°C					For non-illuminated items				
	-30°C up to +55°C					Using incandescent lamps				
	-30°C up to +65°C					Using LED's				
Operating Travel	6mm									
Connections	Screw connections for 2 x 2.5mm², IP2X.									
Lamp Type/Socket	Incandescent lamps, LED's / BA9s									
Contact Material	Silver-nickel alloy (Ag/Ni). Gold Plated Version available upon request.									
Mechanical Life	1 million operations									
Electrical Life	1 million cycles at rated load									
Min. Current / Voltage	1 mA / 5V (Under laboratory conditions)									
Contact Resistance (New State)	< 20mΩ									
Bounce Time	< 10 mS									
Positive Opening N/C Contact	To EN 60947-5-1 appendix K									
Continuous thermal current (I _{th})	16A									
Rated Insulation Voltage (U _i)	600V									
Utilisation Category	A.C.	AC15 A600								
	D.C.	DC13 Q600								
Rated Operational Voltage (U _e)	A.C.	250V/440V								
	D.C.	440V / 250V /125V / 60V / 24V								
Rated Operational Current (I _e)	A.C.	3A/1.6A								
	D.C.	0.12A / 0.2A / 0.4A / 1A / 2A								
Breaking Capacity (I _e)	A.C.	10								
	D.C.	1.1								
Lamp Socket	BA9s									
Lamp Voltage	Max. 250V (CSA max. 125V)									
Lamp Output	Max. 2W									
Definition	X1.. anode, X2.. cathode.									