Local Control Station - Glass Reinforced Polyester Enclosure

LCP100 - Ex ed 16 Amp General Purpose Switch

HAZARDOUS AREA SPECIFICATION

Marking to 94/9/EC		Ⓔx II 2 GD	
Type of Protection		Ex edm IIC T* Gb Ex tb IIIC T**°C Db	
Ambient Temp.°C		Gas Temperature Class (T*C)	Dust Temperature Class (T**)(°C)
Min	Max		
-20*	+55	T6	85
* -40°C when used with a plug and gland rated to -40°C			
Ingress Protection		IP64 to EN60529:1992	
Area Classification		Zones 1,2,21,22	
Certification No.		SIRA03ATEX3293, GOST-R POCC GB.Мп14.B00074	

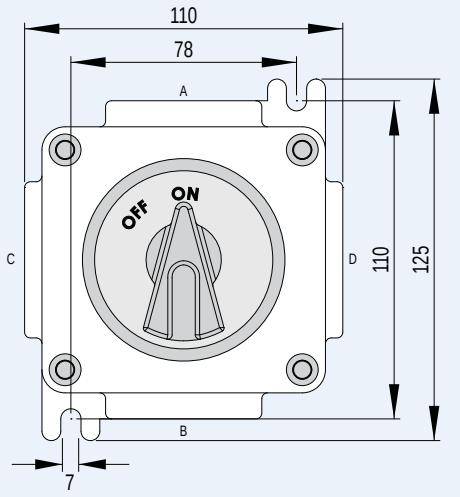
ENCLOSURE SPECIFICATION

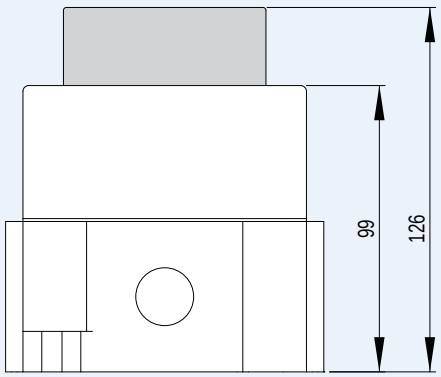
Material Box	Carbon loaded anti-static glass reinforced polyester UL94/V0
Finish	Moulded black
Weight Empty	0.7Kg
Cover Fixing	M6 Stainless Steel hexagon head screws
Gasket	1.2 mm one piece solid nitrile rubber
Earthing	Internal Ex e brass clamps on base
Entries	1x20mm threaded hole in face A, fitted with a nylon Ex e stopping plug. 1x20mm threaded hole in face B, fitted with a nylon Ex e cable gland. 25mm entries are available as an option.
Mounting	Through 7mm holes moulded into base
Security	Switches with an off position have a padlock 'off ' facility as standard

ELECTRICAL SPECIFICATION

Operating Voltage	Operating Current	Conductor Size
Volts Max	Amps	mm² Max
420	20	2.5

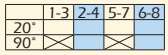
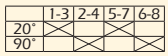
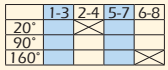
Walsall Ex de IIC switch. Certification No. SIRA03ATEX1269U





All Dimensions in mm.

ORDERING INFORMATION

Description	Action	Contacts	Labelling	Product Code
Double pole off/on	Engage - Engage		0 - I	LCP101
			Off - On	LCP102
Double pole changeover	Engage - Engage		I - II	LCP103
			I - 2	LCP104
Single pole changeover	Engage - Engage - Engage		I - 0 - II	LCP105
			I - 0 - 2	LCP106

Notes 1 For 25mm entries add/25 to Product Code e.g. LCP103/25
2 Alternative labelling to order.
3 Alternative handle colour to order.