



Local Control Station - Glass Reinforced Polyester Enclosure

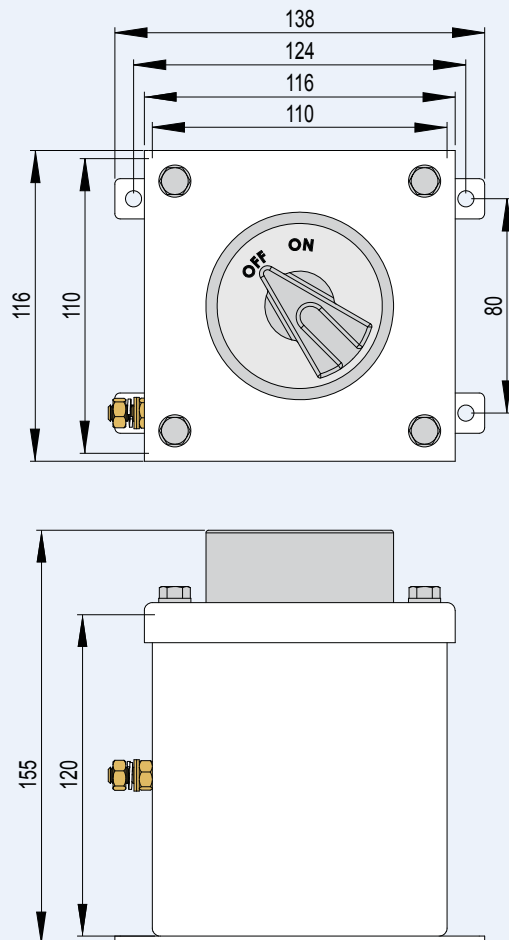
LCS100 - Ex ed 16 Amp General Purpose Switch

HAZARDOUS AREA SPECIFICATION			
Marking to 94/9/EC		Ex II 2 GD	
Type of Protection		Ex ed 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*	+50	T5	95
* -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.		SIRA99ATEX3199, GOST-R POCC GB.Mn14.B00076	

ENCLOSURE SPECIFICATION	
Material Box	1.5mm 316L, (1.4404) Stainless
Finish	Stainless Steel – electropolished
Weight Empty	1.2Kg
Cover Fixing	Captive M6 Stainless Steel hexagon head slotted screws
Gasket	Captive M6 Stainless Steel hexagon head slotted screws
Earthing	6mm brass internal/external earth stud as standard Optional brass earth stud welded to cover
Entries	1x20mm clearance hole in face A, fitted with a nylon Ex e stopping plug. 1x20mm clearance hole in face B, fitted with a nylon Ex e cable gland. 25mm entries are available as an option
External Mounting	External lugs with 8mm clearance
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	<table><tr><td></td><td>1-3</td><td>2-4</td><td>5-7</td><td>6-8</td></tr><tr><td>20°</td><td></td><td></td><td></td><td></td></tr><tr><td>90°</td><td>X</td><td></td><td>X</td><td></td></tr></table>		1-3	2-4	5-7	6-8	20°					90°	X		X		0 - I	LCS101					
				1-3	2-4	5-7	6-8																	
20°																								
90°	X		X																					
			Off - On	LCS102																				
Double pole changeover	Engage - Engage	<table><tr><td></td><td>1-3</td><td>2-4</td><td>5-7</td><td>6-8</td></tr><tr><td>20°</td><td></td><td></td><td></td><td></td></tr><tr><td>90°</td><td></td><td>X</td><td></td><td>X</td></tr></table>		1-3	2-4	5-7	6-8	20°					90°		X		X	I - II	LCS103					
				1-3	2-4	5-7	6-8																	
20°																								
90°		X		X																				
			I - 2	LCS104																				
Single pole changeover	Engage - Engage - Engage	<table><tr><td></td><td>1-3</td><td>2-4</td><td>5-7</td><td>6-8</td></tr><tr><td>20°</td><td></td><td></td><td></td><td></td></tr><tr><td>90°</td><td></td><td></td><td></td><td></td></tr><tr><td>160°</td><td></td><td></td><td></td><td></td></tr></table>		1-3	2-4	5-7	6-8	20°					90°					160°					I - 0 - II	LCS105
				1-3	2-4	5-7	6-8																	
20°																								
90°																								
160°																								
			I - 0 - 2	LCS106																				

Notes 1 For 25mm entries add/25 to Product Code e.g. LCS103/25
2 Alternative labelling to order.
3 Alternative handle colour to order.