



Local Control Station - Glass Reinforced Polyester Enclosure

LCS300 - Ex edm Three Function Customised Control Stations

HAZARDOUS AREA SPECIFICATION

Marking to 94/9/EC	Ex 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*	+50 (Contacts or Terminals)	T5	95
-20*	+50 (Ammeter)	T5	95
-20*	+40 (LED)	T6	80
* -40°C when used with a plug and gland rated to -40°C			
For a combination of components the lowest maximum rating applies			
Ingress Protection	IP64 for rotary switches, IP66 all other functions		
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	One piece fire resistant closed cell neoprene for Ta -40°C
Earthing	6mm brass internal/external earth stud as standard Optional brass earth stud welded to cover
Entries - Base	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
Entries - Cover	3 x entries maximum as required by control functions specified.
External Mounting	External lugs with 8mm clearance
Security	Switches with an off position have a padlock 'off' facility as standard

ELECTRICAL SPECIFICATION

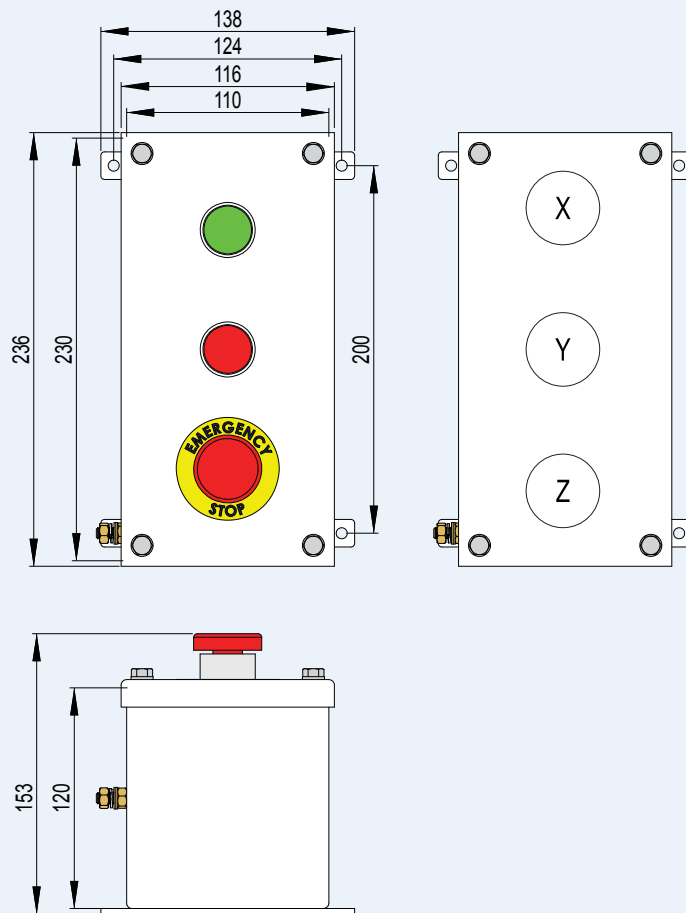
See CF Range Data Sheet

CONTROL FUNCTIONS

See CF Range Data Sheet

ENCLOSURE INTERCONNECTIONS

1,2 and 3 function local control stations can be connected together to engineer more complex systems. The interconnection is made via a specially approved gland manufactured by Walsall Ltd.



All Dimensions in mm.

ORDERING INFORMATION

The first function specified in the order code occupies position X in the enclosure, the second function Y and the third function position Z.

Ordering codes are built up as shown in the following examples.

Example 1 Emergency stop with pull release plus green start plus green indicator lamp

Product Code: LCS300 + CF26 + CF11 + CF34

Double green and red pushbutton plus red indicator plus mushroom pushbutton.

Product Code: LCS300 + CF32 + CF33+ CF17

1. Labelling to be specified by customer.

2. For 25mm entries add /25 to enclosure code e.g. LCS300/25 + CF26 + CF11 + CF34