



Power Switching - Cast Aluminum or Cast Iron Enclosure

SD - Ex d 80-100 Amps 6 Pole Switch Disconnecter

HAZARDOUS AREA SPECIFICATION

Marking to 94/9/EC	Ex II 2 G D
Type of Protection	Ex d IIB T6 Gb Ex tb IIIC T76° C Db IP66
Max Ambient Temp.	+40°C
Min Ambient Temp.	-20°C
Ingress Protection	IP64 to EN60529:1992
Area Classification	Zones 1,2,21,22
Certification No.	SIRA03ATEX1266X

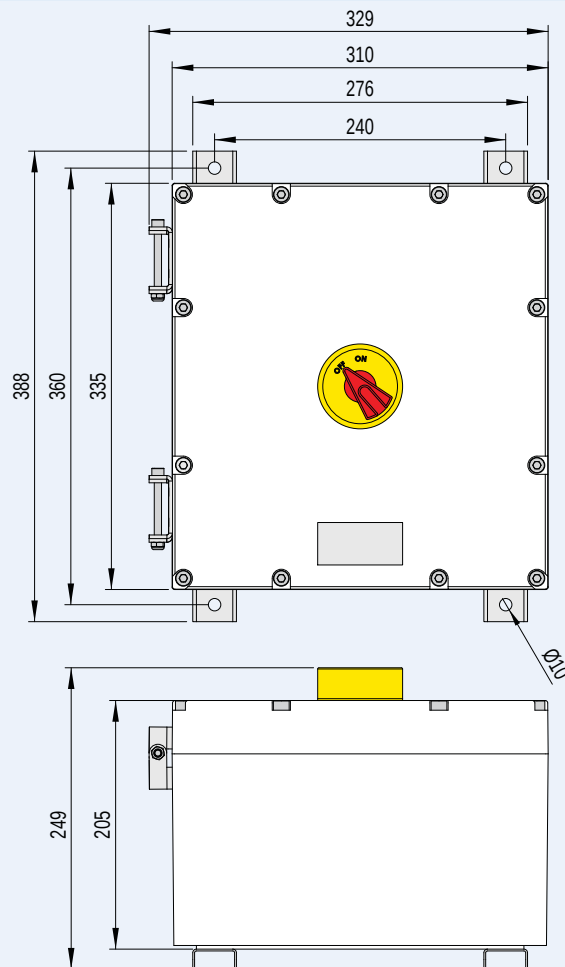
ENCLOSURE SPECIFICATION

Material	Cast Iron to 180BSI1452:1997 Cast Aluminium to LM6
Finish	Cast Iron - zinc rich black epoxy powder primer and epoxy powder top coat Cast Aluminium - black epoxy powder coat
Weight	Cast Iron 50Kg Cast Aluminium 18Kg
Cover Fixing	Hinged with M8 allen head Stainless Steel fixing screws
Gasket	Silicone cord
Earthing	Internal and external Ex e brass clamps on base Earth on cover
Entries	1x25mm Ex d threaded hole in face A and 2x25mm threaded holes in face B as standard. All entries are fitted with Ex d stopping plugs as standard. 32mm entries are available as an option
Security	Switches with an off position have a padlock 'off' facility as standard

ELECTRICAL SPECIFICATION

Voltage	Current	Power		Conductor Size
Volts	AC21A (A)	AC23A(Kw)	AC-3(Kw)	mm² Max
380-440	80	30	22	35
380-440	100	37	30	35

Switch: 6 pole switch disconnecter to IEC60947 with 2 early break auxiliaries as standard



All Dimensions in mm.

ORDERING INFORMATION

Description	Enclosure Material	Switch Position	Product Code
80 amps	Cast Iron	0 - 1	SDI806
100 amps	Cast Iron	0 - 1	SDI1006
80 amps	Cast Aluminium	0 - 1	SDA806
100 amps	Cast Aluminium	0 - 1	SDA1006

For 32mm entries add/32 to Product Code