



Power Switching - Cast Aluminum or Cast Iron Enclosure

SD - Ex d 250-315amps 4 & 6 Pole Switch Disconnector

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

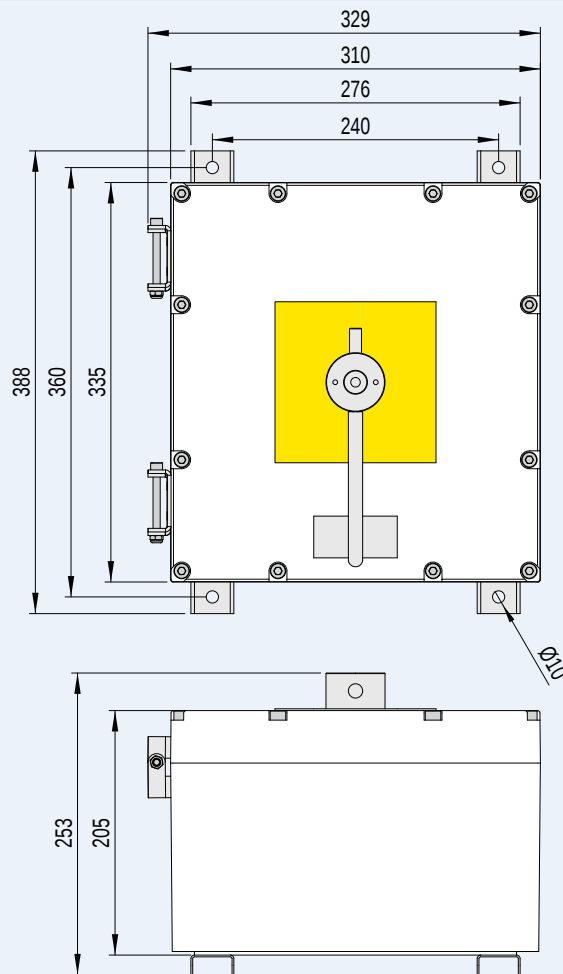
ENCLOSURE SPECIFICATION

Material	Cast Iron to 180BS11452:1997 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	200	90	55	185
380-440	315	110	75	185

Switch: 4 and 6 pole switch disconnector to IEC 60947 -3 with 2 n/o early break auxiliaries as standard



All Dimensions in mm.

ORDERING INFORMATION

Description	Enclosure Material	Switch Position	Poles	Product Code
250 amps	Cast Iron	0 - 1	4	SDI2504
250 amps	Cast Iron	0 - 1	6	SDI2506
315 amps	Cast Iron	0 - 1	4	SDI3154
315 amps	Cast Iron	0 - 1	6	SDI3156
250 amps	Cast Aluminium	0 - 1	4	SDA2504
250 amps	Cast Aluminium	0 - 1	6	SDA2506
315 amps	Cast Aluminium	0 - 1	4	SDA3154
315 amps	Cast Aluminium	0 - 1	6	SDA3156

Notes: 1 For 32 mm entries add/32 to Product Code.
2 Other entry configurations and sizes are available please ask Walsall sales for information