



## Power Switching - Cast Iron Enclosure

### SD - Ex d 20-32 Amps 4 Pole Switch Disconnecter

#### HAZARDOUS AREA SPECIFICATION

|                     |                                             |
|---------------------|---------------------------------------------|
| Marking to 94/9/EC  | Ex II 2 G D                                 |
| Type of Protection  | Ex d IIB T6 Gb<br>Ex tb IIIC T76° C Db IP66 |
| Max Ambient Temp.   | +50°C                                       |
| Min Ambient Temp.   | -40°C                                       |
| Ingress Protection  | IP65 to EN60529:1992                        |
| Area Classification | Zones 1,2,21,22                             |
| Certification No.   | SIRA02ATEX1332                              |

#### ENCLOSURE SPECIFICATION

|              |                                                                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material     | Cast Iron to 180BSI1452:1997                                                                                                                                                                       |
| Finish       | Zinc rich epoxy powder primer and epoxy powder top coat in Black                                                                                                                                   |
| Weight       | 11Kg                                                                                                                                                                                               |
| Cover Fixing | M6 Stainless Steel hexagon head screws                                                                                                                                                             |
| Gasket       | By grease                                                                                                                                                                                          |
| Earthing     | Internal and external Ex e brass clamps on base<br>Earth on cover                                                                                                                                  |
| Entries      | 1x20mm Ex d threaded hole in face A and<br>2x20mm threaded holes in face B as standard.<br>All entries are fitted with Ex d stopping plugs as<br>standard. 25mm 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 | 20        | 5.5       | 3.7      | 2.5            |
| 380-440 | 25        | 7.5       | 5.5      | 6.0            |
| 380-440 | 32        | 11.00     | 7.5      | 6.0            |

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

#### ORDERING INFORMATION

| Description | Switch Position | Product Code |
|-------------|-----------------|--------------|
| 20 amps     | 0 - 1           | SD204        |
| 25 amps     | 0 - 1           | SD254        |
| 32 amps     | 0 - 1           | SD324        |

For 25 mm entries add/25 to Product Code e.g. SD204/25

