



|   |                                  |
|---|----------------------------------|
| Description                               | RESIDUAL CURRENT CIRCUIT BREAKER |
| Code                                      | SD                               |
| No. of poles                              | 4P                               |
| No. modules                               | 4                                |
| Rated current                             | 80 A                             |
| Rated residual operating current          | 30 mA                            |
| Type                                      | AC                               |
| Rated voltage (EN/IEC 61008-1, 61008-2-1) | 400/415 V                        |

|                           |                                  |  |                                |
|---------------------------|----------------------------------|--|--------------------------------|
| Standard                  | IEC/EN 61008-1, IEC/EN 61008-2-1 | Rated frequency (Hz)                   | 50Hz                           |
| Insulation voltage (Ui)   | 400 V                            | Rated impulse withstand voltage (Uimp) | 4 kV                           |
| Overvoltage category      | III                              | Level of immunity (8/20 μs)            | 250 A                          |
| Section rigid cable       | Max 35 mm <sup>2</sup>           | Section flexible cable                 | Max 35 mm <sup>2</sup>         |
| Rated tightening torque   | 2 Nm                             | Double connection                      | YES (up stream and down stram) |
| Operating temperature     | -25 +40 °C                       | Stocking temperature                   | -35 +60 °C                     |
| Electrical endurance      | ≥ 4.000                          | Mechanical endurance                   | ≥ 10.000                       |
| Auxiliaries compatibility | No                               | ReStart compatibility                  | No                             |
| Assembly position         | Any                              |  |                                |

### DIMENSIONAL



### WIRING DIAGRAM



### STANDARDS/APPROVALS

