



Figure similar

RC unit for 5SL4, 2-pole, type A, selective, In: 40 A, 300 mA, Un AC: 230 V

| Model                                                           |                                                                         |
|-----------------------------------------------------------------|-------------------------------------------------------------------------|
| product brand name                                              | SENTRON                                                                 |
| product designation                                             | RCD-unit                                                                |
| design of the product                                           | Selective                                                               |
| product type designation                                        | 5SM2                                                                    |
| product variations                                              | for 5SL4                                                                |
| General technical data                                          |                                                                         |
| number of poles                                                 | 2                                                                       |
| design of pole                                                  | 2 poles                                                                 |
| size of installation devices according to DIN 43880             | 1                                                                       |
| touch protection against electrical shock according to EN 50274 | Finger and back-of-hand safe                                            |
| mechanical service life (operating cycles) typical              | 10 000                                                                  |
| overvoltage category                                            | III                                                                     |
| degree of pollution                                             | 2                                                                       |
| Voltage                                                         |                                                                         |
| type of voltage of the operating voltage                        | AC                                                                      |
| insulation voltage (Ui) rated value                             | 460 V                                                                   |
| surge voltage resistance rated value                            | 4 000 V                                                                 |
| tripping fault current rated value                              | 300 mA                                                                  |
| operational current                                             |                                                                         |
| • at 40 °C rated value                                          | 37.2 A                                                                  |
| • at 45 °C rated value                                          | 37.2 A                                                                  |
| • at 50 °C rated value                                          | 36 A                                                                    |
| • at 55 °C rated value                                          | 34.8 A                                                                  |
| • at 60 °C rated value                                          | 34 A                                                                    |
| • at 65 °C rated value                                          | 33.2 A                                                                  |
| • at 70 °C rated value                                          | 32 A                                                                    |
| • at AC rated value                                             | 40 A                                                                    |
| residual current type                                           | A                                                                       |
| surge current resistance rated value                            | 5 kA                                                                    |
| supply voltage                                                  |                                                                         |
| • at AC                                                         | 230 V                                                                   |
| • for testing equipment minimum                                 | 195 V                                                                   |
| value range of the supply voltage frequency                     | 50 Hz                                                                   |
| value range of the operating frequency                          | 50/60 Hz                                                                |
| Protection class                                                |                                                                         |
| protection class IP                                             | IP20, if the distribution board is installed, with connected conductors |
| protection function false tripping                              | Yes                                                                     |







