

Price\* : 172.25 GBP



## Main

|   |  |
|---|--|
| Range                                       | TeSys  |
| Product name                                | TeSys GS   |
| Device short name                           | GS1 DD   |
| Product or component type                   | Switch-disconnector-fuse   |
| Device application                          | Protection   |
| Poles description                           | 3P + Nc  |
| Protected poles description                 | 3t   |
| Contacts type and composition               | 4 NO   |
| [Ith] conventional free air thermal current | 32 A at 40 °C  |
| [Ie] rated operational current              | 20 A at 440 V 2 poles in series per phase on DC-23A<br>20 A at 440 V 2 poles in series per phase on DC-23B<br>32 A at 400 V on AC-23A<br>32 A at 400 V on AC-23B<br>32 A at 500 V on AC-23A<br>32 A at 500 V on AC-23B<br>32 A at 690 V on AC-23A<br>32 A at 690 V on AC-23B |
| Fuse type                                   | NFC  |
| Fuse size                                   | 10 x 38 mm   |
| Network type                                | AC<br>DC   |
| Network frequency                           | 50/60 Hz   |

## Complementary

|  |   |
|--|---|
| Type of operating handle               | Direct frontal<br>External frontal<br>External left side<br>External right side |
| Mounting support                       | Plate<br>Rail   |
| [Ui] rated insulation voltage          | 800 V AC 50/60 Hz   |
| [Uimp] rated impulse withstand voltage | 8 kV  |
| Rated operational power in W           | 15 kW at 400 V<br>25 kW at 690 V  |

|   |  |
|---|--|
|   | 18.5 kW at 500 V   |
| Making capacity                           | 320 A at 400 V on AC-23B   |
| [Icm] rated short-circuit making capacity | 100 kA at 400 V with protection by gG fuses  |
| Breaking capacity                         | 256 A at 400 V on AC-23B   |
| Short-circuit withstand                   | 5.5 kA   |
| Mechanical durability                     | 20000 cycles   |
| Electrical durability                     | 1500 cycles on AC-23A<br>1500 cycles on AC-23B<br>300 cycles on DC-23A<br>300 cycles on DC-23B   |
| Connections - terminals                   | Power circuit : screw-clamp terminals cable 2.5...16 mm <sup>2</sup> - cable stiffness: flexible |
| Tightening torque                         | Power circuit : 3 N.m - on screw-clamp terminals   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC 60947-3                                      |
| Product certifications                | CE   |
| Protective treatment                  | TH   |
| IP degree of protection               | IP20 with terminal cover conforming to IEC 60529 |
| Ambient air temperature for operation | -20...70 °C                                      |
| Ambient air temperature for storage   | -40...80 °C                                      |
| Fire resistance                       | 960 °C body conforming to IEC 60695-2-1          |
| Height                                | 98 mm  |
| Width                                 | 96 mm  |
| Depth                                 | 112 mm   |
| Product weight                        | 0.5 kg   |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|