

Product data sheet
Characteristics

DCK12461
Domae - switch 2P 63 A switch disconnecter



Main

| | |
|---------------------------|---|
| Range of product | Domae |
| Product or component type | Switch disconnecter |
| Device application | Switch |
| Poles description | 2P |
| Utilisation category | AC-22A conforming to IEC 60669-2-4 |
| Standards | AS/NZS 60669.1 IEC 60068-1 IEC 60529 IEC 60669-2-4 |

Complementary

| | |
|---|--|
| [Ie] rated operational current | 63 A at 400 V AC 50/60 Hz |
| [Ue] rated operational voltage | 400 V AC 50/60 Hz |
| Network frequency | 50/60 Hz |
| [Icm] rated short-circuit making capacity | 4.2 kA 400 V AC at 50/60 Hz |
| [Icw] rated short-time withstand current | 1260 A during 300 ms |
| [Ui] rated insulation voltage | 500 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60669-2-4 |
| Control type | Toggle |
| Local signalling | ON/OFF indication |
| Contact position indicator | Yes |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| 9 mm pitches | 4 |
| Height | 81 mm |
| Width | 36 mm |
| Depth | 74 mm |
| Net weight | 150 g |
| Mechanical durability | 50000 cycles |
| Electrical durability | 20000 cycles |
| Connections - terminals | Tunnel type terminals (top or bottom) - 1 x 1...1 x 35 mm ² - rigid without cable end Tunnel type terminals (top or bottom) - 1 x 1...1 x 35 mm ² - flexible without cable end Tunnel type terminals (top or bottom) - 2 x 1.5...2 x 16 mm ² - rigid without cable end Tunnel type terminals (top or bottom) - 2 x 1.5...2 x 16 mm ² - flexible without cable end Tunnel type terminals (top or bottom) - 1 x 1...1 x 35 mm ² - rigid with cable end Tunnel type terminals (top or bottom) - 1 x 1...1 x 35 mm ² - flexible with cable end Tunnel type terminals (top or bottom) - 2 x 1.5...2 x 16 mm ² - rigid with cable end Tunnel type terminals (top or bottom) - 2 x 1.5...2 x 16 mm ² - flexible with cable end |
| Wire stripping length | 14 mm |
| Tightening torque | 2.5 N.m |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

| | |
|---------------------------------------|------------------------------|
| IP degree of protection | IP20 conforming to IEC 60529 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % at 55 °C |
| Ambient air temperature for operation | -5...55 °C |
| Ambient air temperature for storage | -25...70 °C |

Packing Units

| | |
|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 0.22 kg |
| Package 1 Height | 0.8 dm |
| Package 1 width | 0.36 dm |
| Package 1 Length | 0.85 dm |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |