

Product data sheet

Characteristics

DCK12458

Switch disconnecter - Domae - 1P - 63A



Main

Range of product	Domae
Product or component type	Switch disconnecter
Device application	Switch
Poles description	1P
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 230 V AC 50/60 Hz
[Ue] rated operational voltage	230 V AC 50/60 Hz
Network frequency	50/60 Hz
[Icm] rated short-circuit making capacity	4.2 kA 230 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
Connection pitch	18 mm between devices
9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	74 mm
Net weight	80 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

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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 Height	8.0 cm
Package 1 Width	1.8 cm
Package 1 Length	8.5 cm
Package 1 Weight	0.11 kg
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.0 cm
Package 2 Width	9.0 cm
Package 2 Length	22.8 cm
Package 2 Weight	1.39 kg
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	17.167 kg

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
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information