

Product data sheet

Characteristics

DOM12529

Earth Leakage Circuit Breaker, Domae, 1P+N - C, 6A, 30mA, 6000A



Main

Range	Domae
Device application	Distribution
Product name	AD63 K
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Poles description	1P + N
Neutral position	Left
Earth-leakage protection class	Type A
Suitability for isolation	Yes

Complementary

[In] rated current	6 A at 30 °C
Network type	AC
Network frequency	50 Hz
[Ue] rated operational voltage	230/240 V AC 50 Hz
Trip unit technology	Thermal-magnetic
Curve code	C
Magnetic tripping limit	5...10 x In
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Breaking capacity	6000 A Icn at 230/240 V AC 50 Hz
Electrical insulation class	Class II
Limitation class	3
[Ui] rated insulation voltage	400 V AC 50 Hz
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting support	DIN rail
Comb busbar and distribution block compatibility	YES
9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	70 mm
Net weight	136 g
Colour	Grey
Mechanical durability	20000 cycles
Provision for padlocking	Padlockable
Locking options description	By padlocks
Connections - terminals	Screw clamp terminal (upstream) 1...16 mm ² rigid Screw clamp terminal (upstream) 1...16 mm ² flexible Screw clamp terminal (downstream) 1...10 mm ² rigid Screw clamp terminal (downstream) 1...10 mm ² flexible

Wire stripping length	14 Mm for upstream connection 11 mm for downstream connection
Tightening torque	2 N.M upstream 2 N.m downstream
Earth-leakage protection	Integrated

Environment

Standards	AS/NZS 61009 IEC 61009-1
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-30...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.8 cm
Package 1 Width	7.2 cm
Package 1 Length	9.25 cm
Package 1 Weight	141 g
Unit Type of Package 2	CAR
Number of Units in Package 2	12
Package 2 Height	1.8 cm
Package 2 Width	7.2 cm
Package 2 Length	9.25 cm
Package 2 Weight	1692 g
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	10152 g

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile