

# Product data sheet

## Characteristics

# DOM12534

## Earth Leakage Circuit Breaker, Domae, 1P+N - C, 32A, 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	32 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 <sup>2</sup> rigid Screw clamp terminal (upstream) 1...16 mm <sup>2</sup> flexible Screw clamp terminal (downstream) 1...10 mm <sup>2</sup> rigid Screw clamp terminal (downstream) 1...10 mm <sup>2</sup> 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	IEC 61009-1 AS/NZS 61009
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

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
Take-back	No
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	71