

# Product datasheet

Specifications



## iKQE - earth leakage circuit breaker - 1P + N - C curve - 40 A - 100 mA - 230 V

A9D18840

⚠ Discontinued on: 15 Nov 2018

⚠ Discontinued

### Main

Circuit Breaker Application	Distribution
Range	Acti9
Product Name	iKQE RCBO
Product Or Component Type	Residual current breaker with overcurrent protection (RCBO)
Poles Description	1P + N
Earthing System	TN
Curve Code	C
Breaking Capacity	10000 A Icn at 230 V AC 50/60 Hz

### Complementary

Neutral Position	Left
Number Of Protected Poles	1
Device Location In System	Outgoer
Network Frequency	50 Hz
Network Type	AC
Trip Unit Technology	Thermal-magnetic
[Ue] Rated Operational Voltage	230 V AC 50/60 Hz
Residual Current Tripping Technology	Voltage dependent
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type A
[Icw] Rated Short-Time Withstand Current	Icw: 250 A during 8/20 µs impulse withstand
[Ics] Rated Service Breaking Capacity	10000 A at 230 V AC 50/60 Hz
Limitation Class	3
[Ui] Rated Insulation Voltage	400 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	4 kV
Suitability For Isolation	Yes
Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	ON/OFF indication

Disclaimer: 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

Mounting Mode	Clip-on
Mounting Support	DIN rail
Comb Busbar And Distribution Block Compatibility	NO
9 Mm Pitches	2
Height	118 mm
Width	18 mm
Depth	82 mm
Net Weight	218 g
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	5000 cycles
Provision For Padlocking	Padlockable with padlock Ø 4 mm
Locking Options Description	ON/OFF locking facilities
Connections - Terminals	Tunnel type terminal (top or bottom) 1...16 mm² rigid without cable end Tunnel type terminal (top or bottom) 1...10 mm² flexible without cable end Tunnel type terminal (top or bottom) 1...10 mm² flexible with cable end
Wire Stripping Length	Power circuit: 13 mm for top or bottom connection
Tightening Torque	Power circuit: 2 N.m top or bottom
Earth-Leakage Protection	Integrated

## Environment

Standards	BS EN 61009-1
Ip Degree Of Protection	IP20
Tropicalisation	2
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-15...60 °C
Ambient Air Temperature For Storage	-40...85 °C

# Sustainability

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## Well-being performance

 Mercury Free	
 Rohs Exemption Information	<a href="#">Yes</a>
Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information