

# Product datasheet

Specifications



## Acti9 iKQ 2P 50 A D Miniature Circuit breaker

A9F58250

⚠ Discontinued on: 27 May 2019

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### Main

Range	Acti9
Product name	iKQ
Product or component type	Circuit breaker
Poles description	2P
Number of protected poles	2
[In] rated current	50 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	10000 A Icn at 415 V AC 50/60 Hz conforming to EN 60898-1

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	415 V AC 50/60 Hz
Magnetic tripping limit	10...14 x In
[Ics] rated service breaking capacity	7500 A conforming to EN 60898-1 - 240 V AC 50/60 Hz
Limitation class	3 conforming to EN/IEC 60898-1
[Ui] rated insulation voltage	440 V AC 50/60 Hz conforming to EN/IEC 60898-1
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60898-1
Contact position indicator	Yes
Control type	Toggle
Local signalling	Trip indicator
Mounting mode	Plug-on
Mounting support	Rail
9 mm pitches	4
Height	85 mm
Width	36 mm
Depth	78.5 mm
Product weight	0.242 kg
Colour	White

<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles
<b>Provision for padlocking</b>	Padlockable
<b>Connections - terminals</b>	Single terminal (bottom) 1...35 mm <sup>2</sup> rigid Single terminal (bottom) 1...25 mm <sup>2</sup> flexible
<b>Wire stripping length</b>	14 mm for bottom connection
<b>Tightening torque</b>	3.5 N.m bottom
<b>Earth-leakage protection</b>	Without

## Environment

<b>Standards</b>	EN/IEC 60898-1
<b>IP degree of protection</b>	IP20
<b>Pollution degree</b>	2 conforming to EN/IEC 60898-1
<b>Overvoltage category</b>	III
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.5 cm
<b>Package 1 Width</b>	3.6 cm
<b>Package 1 Length</b>	9 cm
<b>Package 1 Weight</b>	0.25 kg



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Longer



#### Lifetime extension

Repair

No