

# Product datasheet

Specifications



## Acti 9 K60H 3P - 50 A - C curve 10 kA - set of 4

A9KF71350BQ

### Main

Device application	Distribution
Range	Acti9
product name	Acti9 K60
Product or component type	Miniature circuit-breaker
Device short name	K60H
Poles description	3P
Number of protected poles	3
[In] rated current	50 A
Network type	CA
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10000 A Icn at 415 V AC 50/60 Hz conforming to EN 60898-1 10000 A Icn at 415 V AC 50/60 Hz conforming to IEC 60898-1
Suitability for isolation	Yes
Standards	EN 60898-1 IEC 60898-1
Product certifications	ISI

### Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	10 kA 75 % conforming to EN 60898-1 - 415 V AC 50/60 Hz 10 kA 75 % conforming to IEC 60898-1 - 415 V AC 50/60 Hz
Limitation class	3 conforming to EN 60898-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	No
Control type	Toggle
Local signalling	Without
Mounting mode	Fixed
Mounting support	Carril DIN
Comb busbar and distribution block compatibility	Downstream: biconnect

9 mm pitches	6
Height	81 mm
Width	54 mm
Depth	70 mm
Net weight	0.36 kg
Quantity per set	Set of 4
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Tunnel type terminals (downstream) 1...35 mm <sup>2</sup> rigid Tunnel type terminals (upstream) 1...35 mm <sup>2</sup> rigid Tunnel type terminals (downstream) 1...25 mm <sup>2</sup> flexible Tunnel type terminals (upstream) 1...25 mm <sup>2</sup> flexible
Wire stripping length	14 mm for top or bottom connection
Tightening torque	3.5 N.m top or bottom
Earth-leakage protection	Without

## Environment

IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	2 conforming to IEC 60898-1 2 conforming to EN 60898-1
Overvoltage category	II
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	0...2000 m
Ambient air temperature for operation	-5...55 °C
Ambient air temperature for storage	-25...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8 cm
Package 1 Width	9.2 cm
Package 1 Length	22.8 cm
Package 1 Weight	1.5 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 >](#)

### Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) **9**

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Recycled metal content at CR level **0**

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **Yes**

[EU RoHS Directive](#) **Compliant with Exemptions**

REACH Regulation [REACH Declaration](#)

Halogen content performance **Halogen free plastic parts & cables product**

### Use Again

#### Repack and remanufacture

Circularity Profile **No need of specific recycling operations**

Take-back **No**