

# Product datasheet

Specifications



## Acti 9 K60H 1P - 6 A - C curve 10 kA - set of 12

A9KF71106BQ

### Main

Device application	Distribution
Range	Acti 9
Product name	Acti9 K60
Product or component type	Miniature circuit-breaker
Device short name	K60H
Poles description	1P
Number of protected poles	1
[In] rated current	6 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 kA Icn at 240/415 V AC 50/60 Hz conforming to EN 60898-1 10 kA Icn at 240/415 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 - 240/415 V AC 50/60 Hz 10 kA 75 % conforming to IEC 60898-1 - 240/415 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

<b>Mounting support</b>	DIN rail
<b>Comb busbar and distribution block compatibility</b>	Downstream: biconnect
<b>9 mm pitches</b>	2
<b>Height</b>	81 mm
<b>Width</b>	18 mm
<b>Depth</b>	70 mm
<b>Product weight</b>	0.12 kg
<b>Quantity per set</b>	Set of 12
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	20000 cycles
<b>Connections - terminals</b>	Tunnel type terminals (downstream) 1...25 mm <sup>2</sup> rigid Tunnel type terminals (upstream) 1...25 mm <sup>2</sup> rigid Tunnel type terminals (downstream) 1...16 mm <sup>2</sup> flexible Tunnel type terminals (upstream) 1...16 mm <sup>2</sup> flexible
<b>Wire stripping length</b>	14 mm for top or bottom connection
<b>Tightening torque</b>	2 N.m top or bottom
<b>Earth-leakage protection</b>	Without

## Environment

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

## Packing Units

<b>Package 1 Weight</b>	1.248 kg
<b>Package 1 Height</b>	8.000 cm
<b>Package 1 width</b>	9.000 cm
<b>Package 1 Length</b>	24.000 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information

