

# Product data sheet

Specifications



Residual current breaker with overcurrent protection (RCBO), Acti9 iC60, 3P, 32A, C curve, 10000A/15kA, A type, 30mA

A9D17332

## Main

Range	Acti9
Product name	Acti9 iC60 RCBO
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	iC60 RCBO
Device application	Distribution
Poles description	3P
Number of protected poles	3
[In] rated current	32 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Breaking capacity	10000 A Icn at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1 15 kA Icu at 220...240 V AC 50 Hz conforming to EN/IEC 60947-2
Suitability for isolation	No conforming to IEC 60947-1
Quality labels	NF KEMA-KEUR VDE IMQ

## Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	220...240 V AC 50 Hz
Magnetic tripping limit	5...10 x In
Residual current tripping technology	Voltage independent
[Ics] rated service breaking capacity	7500 A 75 % x Icn at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1 7.5 kA 50 % x Icu at 220...240 V AC 50 Hz conforming to EN/IEC 60947-2

<b>Rated breaking and making capacity</b>	Idm 6000 A at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1
<b>Limitation class</b>	1 conforming to EN/IEC 61009-2-1
<b>[Ui] rated insulation voltage</b>	500 V AC 50 Hz
<b>[Uimp] rated impulse withstand voltage</b>	4 kV
<b>Surge current</b>	250 A
<b>Contact position indicator</b>	No
<b>Control type</b>	Toggle
<b>Local signalling</b>	ON, OFF, fault trip
<b>Mounting mode</b>	Clip-on
<b>Mounting support</b>	DIN rail
<b>Comb busbar and distribution block compatibility</b>	Top or bottom: YES Bottom: biconnect
<b>Connection pitch</b>	9 mm between poles
<b>9 mm pitches</b>	6
<b>Height</b>	86 mm
<b>Width</b>	54 mm
<b>Depth</b>	78 mm
<b>Product weight</b>	334 g
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles
<b>Connections - terminals</b>	Tunnel type terminal top or bottom 1...35 mm <sup>2</sup> rigid Tunnel type terminal top or bottom 1...25 mm <sup>2</sup> flexible Tunnel type terminal top or bottom 1...25 mm <sup>2</sup> flexible with ferrule
<b>Wire stripping length</b>	12 mm for top or bottom connection
<b>Tightening torque</b>	2 N.m
<b>Earth-leakage protection</b>	Integrated

## Environment

<b>Standards</b>	EN/IEC 60947-2 EN/IEC 61009-2-1
<b>IP degree of protection</b>	IP40 (distribution enclosure) conforming to IEC 60529 IP20 conforming to IEC 60529
<b>Overvoltage category</b>	III conforming to IEC 60364
<b>Electromagnetic compatibility</b>	8/20 μs impulse withstand, 250 A conforming to EN/IEC 61009-2-1
<b>Tropicalisation</b>	2
<b>Relative humidity</b>	95 % at 55 °C
<b>Ambient air temperature for operation</b>	-25...40 °C
<b>Ambient air temperature for storage</b>	-40...70 °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>	8 cm

Package 1 Width	5.7 cm
Package 1 Length	9.8 cm
Package 1 Weight	340 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	9.8 cm
Package 2 Width	11.5 cm
Package 2 Length	25 cm
Package 2 Weight	1.433 kg
Unit Type of Package 3	S03
Number of Units in Package 3	24
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	9.17 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Recommended replacement(s)