

# Product datasheet

Specifications



## Acti9 DCP H Vigi - RCBO - 2P - 20A - C Curve - 10000A/10kA - 30mA - type A

MGN19755

⚠ Discontinued on: 1 Nov 2020

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### Main

Range	Acti9
Product name	Acti9 DCP Vigi
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	DCP H Vigi
Device application	Distribution
Poles description	2P
Number of protected poles	2
[In] rated current	20 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 10 kA Icu at 220...240 V AC 50 Hz conforming to EN/IEC 60947-2
Suitability for isolation	Yes

### Complementary

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 75 % x Icu at 220...240 V AC 50 Hz conforming to EN/IEC 60947-2
Rated breaking and making capacity	I <sub>dm</sub> 4500 A at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1
Limitation class	2
[Ui] rated insulation voltage	500 V AC 50 Hz
[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle

<b>Local signalling</b>	ON, OFF, fault trip
<b>Mounting mode</b>	Clip-on
<b>Mounting support</b>	DIN rail
<b>9 mm pitches</b>	4
<b>Height</b>	85 mm
<b>Width</b>	36 mm
<b>Depth</b>	76 mm
<b>Net weight</b>	273 g
<b>Colour</b>	Grey
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles
<b>Locking options description</b>	Non padlockable
<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
<b>Wire stripping length</b>	12 mm for top or bottom connection
<b>Tightening torque</b>	2 N.m top or bottom
<b>Earth-leakage protection</b>	Integrated

## Environment

<b>Standards</b>	EN/IEC 61009-2-1
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
<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

## 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
<b>Package 1 Width</b>	4 cm
<b>Package 1 Length</b>	9.8 cm
<b>Package 1 Weight</b>	0.254 kg

## Contractual warranty

<b>Warranty (in months)</b>	18
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## 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

### Use Again



#### Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins