



Main

Range	Acti 9
Product name	Acti 9 DCP Vigi
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	DCP N Vigi
Device application	Distribution
Poles description	3P
Number of protected poles	3
[In] rated current	16 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	10 KA Icu at 220...240 V AC 50 Hz conforming to EN/IEC 60947-2 6000 A Icn at 220...240 V AC 50 Hz conforming to EN/IEC 61009-1
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	7.5 KA 75 % x Icu at 220...240 V AC 50 Hz conforming to EN/IEC 60947-2 6000 A 100 % x Icn at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1
Rated breaking and making capacity	I _{dm} 6000 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
Local signalling	ON, OFF, fault trip
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	6
Height	85 mm
Width	54 mm
Depth	76 mm
Net weight	340 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Locking options description	Non padlockable

Connections - terminals	Tunnel type terminal top or bottom 1...35 mm ² rigid Tunnel type terminal top or bottom 1...25 mm ² flexible
Wire stripping length	12 mm for top or bottom connection
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Integrated

Environment

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

Packing Units

Package 1 Weight	0.330 kg
Package 1 Height	0.800 dm
Package 1 width	0.600 dm
Package 1 Length	1.000 dm