

A9N21441

ProDis - earth leakage circuit breaker - DT40 Vigi -
1P + N - 16A - 30mA



Main

Circuit breaker application	Distribution
Range	Prodis
Product or component type	Earth leakage circuit breaker
Product name	DT40 Vigi
Device short name	DT40 Vigi
Poles description	1P + N
Neutral position	Left
Number of protected poles	1
[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-SI
Breaking capacity	Icn 4500 A at 230 V AC 50 Hz conforming to EN 61009 Icu 6 kA at 230 V AC 50 Hz conforming to EN 60947-2
Suitability for isolation	Yes

Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz between phase and neutral
Magnetic tripping limit	5...10 x In
Residual current tripping technology	Voltage independent
[Ics] rated service breaking capacity	Ics 4.5 kA 230 V AC 50 Hz conforming to EN 60947-2
Limitation class	3 conforming to EN 61009
[Ui] rated insulation voltage	440 V AC conforming to EN 61009
[Uimp] rated impulse withstand voltage	4 kV EN 61009
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Upstream : ProDis
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	71 mm
Product weight	210 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles conforming to EN 61009
Connections - terminals	Cable downstream 0.75...16 mm ² rigid

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Cable downstream 0.33...10 mm² flexible
Cable upstream 0.75...16 mm² rigid
Cable upstream 0.33...10 mm² flexible

Wire stripping length	13 mm
Tightening torque	2 N.m
Earth-leakage protection	Integrated
Product compatibility	Single terminal

Environment

standards	EN 60947-2 EN 61009-1 EN 61009-2-1
IP degree of protection	IP20 conforming to IEC 60529
pollution degree	3 conforming to EN 61009
tropicalisation	2 conforming to IEC 60068-1
relative humidity	95 % (55 °C)
operating altitude	2000 m
ambient air temperature for operation	-25...60 °C
ambient air temperature for storage	-40...60 °C

Offer Sustainability

Sustainable offer status	Not Green Premium product
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Contractual warranty

Warranty period	18 months
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