



⚠ To be discontinued

Commercial status

To be discontinued on: 31 December 2021

Main

Range of product	ProDis
Range	Prodis
Product name	DT40K
Product or component type	Miniature circuit-breaker
Device short name	DT40K
Device application	Distribution
Poles description	3P + N
Number of protected poles	3
Neutral position	Left
[In] rated current	20 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	4500 A Icn at 400 V AC 50 Hz conforming to EN/IEC 60898-1 4.5 kA Icu at 400...415 V AC 50 Hz conforming to IEC 60947-2
Suitability for isolation	Yes
Quality labels	NF

Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz between phase and neutral 400 V AC 50 Hz between phases
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	4500 A 100 % x Icn at 400 V AC 50 Hz conforming to EN/IEC 60898-1 3.375 kA 75 % x Icu at 400...415 V AC 50 Hz conforming to IEC 60947-2
Limitation class	3 conforming to EN/IEC 60898-1
[Ui] rated insulation voltage	400 V AC 50 Hz
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60947-2

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	6
Height	81 mm
Width	54 mm
Depth	78 mm
Net weight	322 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Locking options description	Padlocking device
Connections - terminals	Tunnel type terminals downstream 0.33...10 mm ² flexible Tunnel type terminals downstream 0.75...16 mm ² rigid Tunnel type terminals upstream 0.33...10 mm ² flexible Tunnel type terminals upstream 0.75...16 mm ² rigid
Wire stripping length	13 mm
Tightening torque	2 N.m
Earth-leakage protection	Without

Environment

Standards	EN/IEC 60898-1 EN/IEC 60947-2
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	333 g
Package 1 Height	5.5 cm
Package 1 width	7.5 cm
Package 1 Length	9 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Weight	1.384 kg
Package 2 Height	10 cm
Package 2 width	9 cm
Package 2 Length	23 cm
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Weight	16.754 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product