34753

circuit breaker Compact NS160NE - TMD - 80 A - 4 poles 4d

Main

Range	Compact
Range of product	Compact NS100...630
Product or component type	Circuit breaker
Product name	Compact NS
Device short name	Compact NS160NE
Circuit breaker name	Compact NS160NE
Device application	Distribution
Poles description	4P
Protected poles description	4t
Neutral position	Left
Network type	AC DC
Network frequency	50/60 Hz
[In] rated current	160 A 40 °C
[Ui] rated insulation voltage	750 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2 750 V DC conforming to IEC 60947-2
Breaking capacity code	NE
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	80 A (40 °C)
Protection type	Short-circuit protection (magnetic) Overload protection (thermal) Protection of the fourth pole
Pollution degree	3 conforming to IEC 60947

Complementary

Control type	Toggle
Mounting mode	Fixed

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Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Connection pitch	35 mm
Local signalling	Positive contact indication
Long time pick-up adjustment range	0.8...1 x In
Instantaneous pick-up adjustment type Ii	Fixed
Instantaneous pick-up adjustment range	1000 A
Height	161 mm
Width	105 mm
Depth	86 mm
Compatibility code	NS160

Environment

Standards	IEC 60947-2
Product certifications	KEMA ASEFA ASTA LCIE
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Contractual warranty

Warranty period	18 months

Product Life Status	END-OF-SALE NOTICE

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