



Main

Range of product	NR100...250 NS100...250
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	80 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

Complementary

[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2 750 V DC conforming to IEC 60947-2
Neutral protection setting	0.5 x Ir 1 x Ir No protection
Long time pick-up adjustment type Ir	Fixed
Long time pick-up adjustment range	0.8...1 x In
Short-time pick-up adjustment type I _{sd}	Fixed
[I _{sd}] short-time pick-up adjustment range	640 A

Environment

Standards	IEC 60947-2
Product certifications	ASEFA ASTA KEMA LCIE
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C
RoHS EUR conformity date	0810
RoHS EUR status	Compliant