



Main

Range	Compact
Range of product	NS400...630
Product or component type	Trip unit
Range compatibility	Compact NS400 Compact NS630
Device application	Motor
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
Trip unit name	STR43ME FI
Trip unit technology	Electronic
Trip unit rating	250 A 40 °C 400 A 40 °C 630 A 40 °C 150 A 40 °C
Protection type	Overload protection (long time) Instantaneous short-circuit protection Short time short-circuit protection

Complementary

Long time pick-up adjustment type I _r	Adjustable 40 settings
Long time pick-up adjustment range	0.4...0.8 x I _n
Long time delay adjustment type	Adjustable
[Tr] long-time delay adjustment range	12...15 s at 7.2 x I _r 144...198 s at 1.5 x I _r 270...357 s at 1.5 x I _r 4...5 s at 7.2 x I _r 433...595 s at 1.5 x I _r 10.9...13.1 s at 6 x I _r 17.4...21.8 s at 6 x I _r 5.8...7.3 s at 6 x I _r 7.3...9.1 s at 7.2 x I _r
Short-time pick-up adjustment type I _{sd}	Adjustable 8 settings
[I _{sd}] short-time pick-up adjustment range	6...13 x I _r

Short-time delay adjustment type	Fixed
[Tsd] short-time delay adjustment range	0.01...0.06 s
[Tsd] short-time delay adjustment range	0.01...0.06 s
Instantaneous pick-up adjustment type	Fixed
Display type	Display

Environment

Standards	IEC 60947-2
Product certifications	LCIE KEMA ASEFA ASTA
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

Contractual warranty

Warranty period	18 months
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