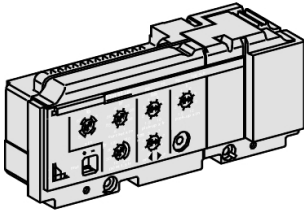


Product datasheet

Specifications

trip unit - STR43ME FI - 3 poles 3d



32431

EAN Code: 3303430324317

! Discontinued

Main

Range	ComPact
Range of product	NS400...630
Product or component type	Trip unit
Trip unit name	STR43ME FI
Trip unit technology	Electronic
Range compatibility	ComPact NS400 ComPact NS630
Device application	Motor
Number of poles	3P
Protected poles description	3t
Protection type	for instantaneous short-circuit protection for overload protection (long time) for short time short-circuit protection
Trip unit rated current	250 A at 40 °C 400 A at 40 °C 630 A at 40 °C 150 A at 40 °C
Network type	AC
Network frequency	50/60 Hz

Complementary

Long-time pick-up adjustment type I_r (thermal protection)	Adjustable 40 settings
[I_r] long-time protection pick-up adjustment range	0.4...0.8 x I_n
Long-time protection delay adjustment type t_r	Adjustable
[t_r] long-time protection 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 protection pick-up adjustment type I_{sd}	Adjustable 8 settings
[I_{sd}] Short-time protection pick-up adjustment range	6...13 x I_r
Short-time protection delay adjustment type t_{sd}	Fixed

[tsd] Short-time protection delay adjustment range	0.01...0.06 s
Instantaneous protection pick-up adjustment type II	Fixed
Display type	Display

Environment

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty (in months)	18
-----------------------------	----



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins