Product data sheet

Specifications

trip unit STR53UE FTI for Compact NS 400/630 circuit breakers, electronic, 525 VAC max, 4 poles 4d

32425

Discontinued on: Mar 31, 2021

Discontinued

Main

Range	ComPact
Range Of Product	NR400...630
Product Or Component Type	Trip unit
Trip Unit Name	STR53UE FTI
Trip Unit Technology	Electronic
Range Compatibility	ComPact NR400 ComPact NR630
Device Application	Distribution
Number Of Poles	3P 4P
Protected Poles Description	3t + N/2 4t 3t
Neutral Position	Left
Protection Type	for short time short-circuit protection for instantaneous short-circuit protection for overload protection (long time)
[Ue] Rated Operational Voltage	<= 525 V AC 50/60 Hz
Network Type	AC
Network Frequency	50/60 Hz

Complementary

Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)	Adjustable 48 settings
Long-Time Protection Delay Adjustment Type Tr	Adjustable
[Tr] Long-Time Protection Delay Adjustment Range	12…16 s at 6 x Ir 138…200 s at 1.5 x Ir 277…400 s at 1.5 x Ir 3…4 s at 6 x Ir 34…50 s at 1.5 x Ir 6…8 s at 6 x Ir 69…100 s at 1.5 x Ir 8…15 s at 1.5 x Ir 0.2…0.74 s at 7.2 x Ir 0.4…0.5 s at 6 x Ir 1…1.4 s at 7.2 x Ir 1.5…2 s at 6 x Ir 2…2.8 s at 7.2 x Ir 4…5.5 s at 7.2 x Ir 8.2…11 s at 7.2 x Ir
Short-Time Protection Pick-Up Adjustment Type Isd	Adjustable 8 settings

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

[Isd] Short-Time Protection Pick-Up Adjustment Range	1.5...10 x Ir
Short-Time Protection Delay Adjustment Type Tsd	Adjustable 4 settings
[Tsd] Short-Time Protection Delay Adjustment Range	0.015…0.06 s 0.06…0.14 s 0.14…0.23 s 0.23…0.35 s
Instantaneous Protection Pick-Up Adjustment Type Ii	Adjustable 8 settings
Earth-Leakage Protection	With
Neutral Protection Settings	0.5 x Ir
Display Type	Display

Environment

Standards	IEC 60947-2
Product Certifications	ASTA LCIE 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	18 months