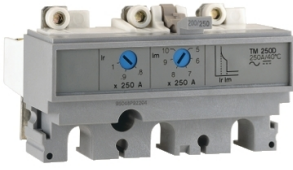


Product datasheet

Specifications

trip unit - TMD - 80 A - 3 poles 2d



30423

⚠ End-of-service on: 31 Dec 2025

⚠ Discontinued

Main

Range	ComPact
Range of product	NS100...250
Product or component type	Trip unit
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Range compatibility	ComPact NS160 ComPact NS250
Device application	Distribution
Number of poles	3P
Protected poles description	2t
Trip unit protection functions	LI
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rated current	80 A at 40 °C
Network type	AC
Network frequency	50/60 Hz

Complementary

Motor tripping class	10
Long-time pick-up adjustment type I_r (thermal protection)	Fixed
[I_r] long-time protection pick-up adjustment range	0.8...1 x I_n
Short-time protection pick-up adjustment type I_{sd}	Fixed
[I_{sd}] Short-time protection pick-up adjustment range	1000 A

Environment

Standards	IEC 60947-2
Product certifications	LCIE KEMA ASTA 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