

Product data sheet

Characteristics

C254TM250

trip unit TM250D for ComPacT NSX 250 circuit breakers, thermal magnetic, rating 250 A, 4 poles 4d



Main

| | |
|--------------------------------|--|
| Range | ComPacT new generation |
| Range of product | ComPacT NSX100...250 new generation |
| Product or component type | Trip unit |
| Trip unit name | TM-D |
| Trip unit technology | Thermal-magnetic |
| Range compatibility | ComPacT new generation NSX250 |
| Device application | Distribution |
| Poles description | 4P |
| Protected poles description | 4D |
| Neutral position | Left |
| Trip unit protection functions | LI |
| Protection type | L : for overload protection (thermal) I : for short-circuit protection (magnetic) |
| Trip unit rating | 250 A at 40 °C |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Network type | AC |
| Network frequency | 50/60 Hz |
| Circuit breaker mounting mode | Fixed |

Complementary

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|--|---|
| Long-time pick-up adjustment type I_r (thermal protection) | Adjustable |
| [I_r] long-time protection pick-up adjustment range | 0.7...1 x I_n |
| Long-time protection delay adjustment type t_r | Fixed |
| [t_r] long-time protection delay adjustment range | 120...400 S at 1.5 x I_n 15 s at 6 x I_r |
| Neutral protection settings | 1 x I_r (4D) |
| Instantaneous protection pick-up adjustment type I_i | Adjustable |
| [I_i] instantaneous protection pick-up adjustment range | 5...10 x I_n |
| Earth-leakage protection | Without |

Environment

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|---------------------------------------|------------------------------|
| Standards | EN/IEC 60947-2 |
| Electrical shock protection class | Class II |
| Pollution degree | 3 conforming to IEC 60947-1 |
| 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

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.5 cm |
| Package 1 Width | 9.5 cm |
| Package 1 Length | 15.0 cm |
| Package 1 Weight | 596.0 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 23 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 14.102 kg |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile |  End Of Life Information |