

Product data sheet

Characteristics

C164MG125D

Trip unit TM125G DC, ComPacT NSX160 DC, 4 poles, thermal magnetic protections, generator protection, 125A rating



Main

| | |
|--------------------------------|--|
| Range | ComPacT new generation |
| Range of product | ComPacT NSX100...250 DC new generation |
| Product or component type | Trip unit |
| Trip unit name | TM-G |
| Trip unit technology | Thermal-magnetic |
| Range compatibility | ComPacT new generation NSX100 DC ComPacT new generation NSX160 DC ComPacT new generation NSX250 DC |
| Device application | Generator |
| Poles description | 4P |
| Protected poles description | 4D |
| Trip unit protection functions | LI |
| Protection type | L : for overload protection (thermal) I : for short-circuit protection (magnetic) |
| Trip unit rating | 125 A at 40 °C |
| [Ue] rated operational voltage | 750 V DC |
| Network type | DC |
| Circuit breaker mounting mode | Fixed |

Complementary

| | |
|---|----------------|
| Long-time pick-up adjustment type Ir (thermal protection) | Adjustable |
| [Ir] long-time protection pick-up adjustment range | 0.7...1 x In |
| Long-time protection delay adjustment type tr | Fixed |
| Instantaneous protection pick-up adjustment type li | Fixed |
| [li] instantaneous protection pick-up adjustment range | 530 A |
| Earth-leakage protection | Without |

Environment

| | |
|---------------------------------------|------------------------------|
| 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 |

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Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 9 cm |
| Package 1 Width | 6 cm |
| Package 1 Length | 14 cm |
| Package 1 Weight | 480 g |
| Unit Type of Package 2 | CAR |
| Number of Units in Package 2 | 32 |
| Package 2 Height | 29.5 cm |
| Package 2 Width | 29.3 cm |
| Package 2 Length | 40.5 cm |
| Package 2 Weight | 14880 g |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 384 |
| Package 3 Height | 150 cm |
| Package 3 Width | 80 cm |
| Package 3 Length | 120 cm |
| Package 3 Weight | 178560 g |

Offer Sustainability

| | |
|----------------------------|---|
| 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 | No need of specific recycling operations |