

Product datasheet

Specifications



trip unit TM80G for ComPacT
NSX 100/160/250 circuit breakers,
thermal magnetic, rating 80 A, 3
poles 3d

C103MG080

Main

| | |
|--------------------------------|--|
| Range | ComPacT new generation |
| Range of product | ComPacT NSX100...250 new generation |
| Product or component type | Trip unit |
| Trip unit name | TM-G |
| Trip unit technology | Thermal-magnetic |
| Range compatibility | ComPacT new generation NSX100 ComPacT new generation NSX160 ComPacT new generation NSX100 DC |
| Device application | Generator |
| Poles description | 3P |
| Protected poles description | 3t |
| Trip unit protection functions | LI |
| Protection type | L : for overload protection (thermal) I : for short-circuit protection (magnetic) |
| Trip unit rating | 80 A at 40 °C |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz 750 V DC |
| Network type | AC DC |
| 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 |
| Short-time protection pick-up adjustment type I_{sd} | Fixed |
| [I_{sd}] Short-time protection pick-up adjustment range | 200 A |

| | |
|---|---------|
| Short-time protection delay adjustment type tsd | Fixed |
| Earth-leakage protection | Without |

Environment

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|---------------------------------------|-----------------------------|
| Standards | EN/IEC 60947-2 UL 508 |
| Product certifications | Marine EAC CCC |
| Pollution degree | 3 conforming to IEC 60947-1 |
| 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 Weight | 608.0 g |
| Package 1 Height | 16 cm |
| Package 1 width | 10 cm |
| Package 1 Length | 12 cm |
| Unit Type of Package 2 | CAR |
| Number of Units in Package 2 | 32 |
| Package 2 Weight | 19456.0 g |
| Package 2 Height | 32 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 41 cm |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 384 |
| Package 3 Weight | 233472.0 g |
| Package 3 Height | 150 cm |
| Package 3 width | 80 cm |
| Package 3 Length | 120 cm |

Offer Sustainability

| | |
|----------------------------|---|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |

Contractual warranty

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|----------|-----------|
| Warranty | 18 months |
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