

# Product data sheet

## Characteristics

# LV430087

## 3P3D TM160G DC TRIP UNIT FOR NSX100-250 CIRCUIT BREAKER



### Main

|                                |  |
|--------------------------------|--|
| Range                          | ComPact  |
| Range of product               | ComPact NSX100...250 DC  |
| Product or component type      | Trip unit  |
| Trip unit name                 | TM-G   |
| Trip unit technology           | Thermal-magnetic   |
| Range compatibility            | ComPact NSX100 DC<br>ComPact NSX160 DC<br>ComPact NSX250 DC                          |
| Device application             | Generator  |
| Number of poles                | 3P   |
| Protected poles description    | 3t   |
| Trip unit protection functions | LI   |
| Protection type                | L : for overload protection (thermal)<br>I : for short-circuit protection (magnetic) |
| Trip unit rated current        | 160 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                     |
| [ $tr$ ] long-time protection delay adjustment range        | 120...400 s at 1.5 x $In$ |
| Short-time protection pick-up adjustment type $Isd$         | Fixed                     |
| [ $Isd$ ] Short-time protection pick-up adjustment range    | 63                        |

### Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | EN/IEC 60947-2<br>UL 508     |
| Product certifications                | EAC<br>CCC<br>Marine         |
| 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 Weight             | 360 g   |
| Package 1 Height             | 9 cm    |
| Package 1 width              | 6 cm    |
| Package 1 Length             | 10.5 cm |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        |  <a href="#">End Of Life Information</a>       |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins     |