

# Product Datasheet

## Characteristic

# C6332D630

Trip unit MicroLogic 2.3, ComPacT NSX630, 3 poles, electronic basic protections, 630A rating



### Main

|                                |                                                                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                          | ComPacT new generation                                                                                                                                     |
| Range of product               | ComPacT NSX400...630 new generation                                                                                                                        |
| product or component type      | Trip unit                                                                                                                                                  |
| Trip unit name                 | MicroLogic 2.3                                                                                                                                             |
| Trip unit technology           | Electronic                                                                                                                                                 |
| Range compatibility            | ComPacT new generation NSX630                                                                                                                              |
| Device application             | Distribution                                                                                                                                               |
| poles description              | 3P                                                                                                                                                         |
| Protected poles description    | 3D                                                                                                                                                         |
| Trip unit protection functions | LSol                                                                                                                                                       |
| Protection type                | L : for overload protection (long time)<br>So : for short time short-circuit protection with fixed delay<br>I : for instantaneous short-circuit protection |
| [In] rated current             | 630 A at 40 °C                                                                                                                                             |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz                                                                                                                                          |
| Network type                   | AC                                                                                                                                                         |
| Network frequency              | 50/60 Hz                                                                                                                                                   |
| mounting mode                  | Fixed                                                                                                                                                      |

### Complementary

|                                           |                                                         |
|-------------------------------------------|---------------------------------------------------------|
| Long time pick-up adjustment type Ir      | Adjustable 9 settings                                   |
| long time pick-up adjustment range        | 250...630 A                                             |
| Long time delay adjustment type           | Fixed                                                   |
| [tr] long-time delay adjustment range     | 11 s at 7.2 x Ir<br>16 s at 6 x Ir<br>400 s at 1.5 x Ir |
| thermal memory                            | 20 minutes before and after tripping                    |
| Short-time pick-up adjustment type Isd    | Adjustable 9 settings                                   |
| [Isd] short-time pick-up adjustment range | 1.5...10 x Ir                                           |
| Short-time delay adjustment type          | Fixed                                                   |
| Instantaneous pick-up adjustment type Ii  | Fixed                                                   |
| Instantaneous pick-up adjustment range    | 6900 A                                                  |
| Earth-leakage protection                  | Without                                                 |

|                                 |                                                                                                                   |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Zone selective interlocking ZSI | Without                                                                                                           |
| Local signalling                | Flashing LED (green) for ready to operate<br>LED 105 % Ir (red) for overload<br>LED 90 % Ir (orange) for overload |

## 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                  |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 13.700 cm |
| Package 1 Width              | 17.700 cm |
| Package 1 Length             | 21.600 cm |
| Package 1 Weight             | 1.349 kg  |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 4         |
| Package 2 Height             | 30.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 5.917 kg  |
| Unit Type of Package 3       | P06       |
| Number of Units in Package 3 | 32        |
| Package 3 Height             | 74.000 cm |
| Package 3 Width              | 60.000 cm |
| Package 3 Length             | 80.000 cm |
| Package 3 Weight             | 56.000 kg |

## Offer Sustainability

|                            |                                                                             |
|----------------------------|-----------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                       |
| REACH Regulation           | Reference contains Substances of Very High Concern above the threshold      |
| EU RoHS Directive          | Compliant with Exemptions                                                   |
| Mercury free               | Yes                                                                         |
| China RoHS Regulation      | Product out of China RoHS scope. Substance declaration for your information |
| RoHS exemption information | Yes                                                                         |
| Environmental Disclosure   | ENVPEP2304018EN                                                             |
| Circularity Profile        | ENVEOLI2304018EN                                                            |