

# Product data sheet

## Characteristics

# C6334V570

Trip unit MicroLogic Vigi 4.3, ComPacT  
NSX630, 3 poles, electronic basic and earth  
leakage protections, 570A rating



### Main

|                                |  |
|--------------------------------|--|
| Range                          | ComPacT new generation   |
| Range of product               | ComPacT NSX400...630 new generation  |
| Product or component type      | Trip unit  |
| Trip unit name                 | MicroLogic 4.3   |
| Trip unit technology           | Electronic   |
| Range compatibility            | ComPacT new generation NSX630  |
| Device application             | Distribution   |
| Poles description              | 3P   |
| Protected poles description    | 3D   |
| Trip unit protection functions | LSoIR  |
| 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<br>R : for earth-leakage protection |
| Trip unit rating               | 570 A at 40 °C   |
| [Ue] rated operational voltage | 440 V AC 50/60 Hz  |
| Network type                   | AC   |
| Network frequency              | 50/60 Hz   |
| Circuit breaker mounting mode  | Fixed  |

### Complementary

|   |  |
|---|--|
| Long-time pick-up adjustment type $Ir$ (thermal protection)     | Adjustable 9 settings  |
| [ $Ir$ ] long-time protection pick-up adjustment range          | 250...570 A  |
| Long-time protection delay adjustment type $tr$                 | Fixed  |
| [ $tr$ ] long-time protection delay adjustment range            | 11 S at $7.2 \times Ir$<br>16 S at $6 \times Ir$<br>400 s at $1.5 \times Ir$ |
| Thermal memory  | 20 minutes before and after tripping   |
| Short-time protection pick-up adjustment type $lsd$             | Adjustable   |
| [ $lsd$ ] Short-time protection pick-up adjustment range        | 1.5...10 $\times Ir$   |
| Short-time protection delay adjustment type $tsd$               | Fixed  |
| Instantaneous protection pick-up adjustment type $li$           | Fixed  |
| [ $li$ ] instantaneous protection pick-up adjustment range      | 6900 A   |
| Earth-leakage protection  | Integrated   |
| Earth-leakage protection class                                  | Class A  |
| Earth-leakage protection sensitivity adjustment type $\Delta n$ | Adjustable   |

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|  |  |
|--|--|
| [ $I_{\Delta n}$ ] earth-leakage protection sensitivity adjustment range | 0.3 A<br>0.5 A<br>1 A<br>3 A<br>5 A<br>10 A  |
| Earth-leakage protection specific mode                                   | OFF using the $I_{\Delta n}$ rotary switch   |
| Earth-leakage protection time delay adjustment type $\Delta t$           | Adjustable   |
| [ $\Delta t$ ] Earth-leakage protection time delay adjustment range      | 0 Ms<br>60 Ms<br>150 Ms<br>500 Ms<br>1 s   |
| 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<br>Color indicator (yellow) for residual current |

## 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             | 17.0 cm  |
| Package 1 Width              | 21.0 cm  |
| Package 1 Length             | 24.5 cm  |
| Package 1 Weight             | 1.866 kg |
| Unit Type of Package 2       | S03      |
| Number of Units in Package 2 | 2        |
| Package 2 Height             | 30.0 cm  |
| Package 2 Width              | 30.0 cm  |
| Package 2 Length             | 40.0 cm  |
| Package 2 Weight             | 4.112 kg |

## Offer Sustainability

|                             |   |
|-----------------------------|---|
| Sustainable offer status    | Green Premium product   |
| REACH Regulation            |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive           | Compliant with Exemptions   |
| Mercury free                | Yes   |
| China RoHS Regulation       |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information  |  Yes   |
| Environmental Disclosure    |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile         |  <a href="#">End Of Life Information</a>       |
| Halogen content performance | Halogen free plastic parts product  |