

Product data sheet

Characteristics

C6347E570

Trip unit MicroLogic Vigi 7.3E, ComPacT NSX630, 4 poles, basic and earth leakage protections, energy meter, 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 7.3 E |
| Trip unit technology | Electronic |
| Range compatibility | ComPacT new generation NSX630 |
| Device application | Distribution |
| Poles description | 4P |
| Protected poles description | 3D + N/2 4D 3D + OSN 3D |
| Neutral position | Left |
| Trip unit protection functions | LSIR |
| Protection type | L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection 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 | Adjustable |
| [tr] long-time protection delay adjustment range | 15...400 S at $1.5 \times Ir$ 0.35...11 S at $7.2 \times Ir$ 0.5...16 s at $6 \times Ir$ |
| Neutral protection settings | $0.5 \times Ir$ (3D + N/2) $1 \times Ir$ (4D) $1.6 \times Ir$ (3D + OSN) No protection (3D) |
| Thermal memory | 20 minutes before and after tripping |
| Short-time protection pick-up adjustment type Isd | Adjustable |
| [Isd] Short-time protection pick-up adjustment range | 1.5...10 x Ir |
| Short-time protection delay adjustment type tsd | Adjustable |
| [tsd] Short-time protection delay adjustment range | 0...0.4 S $I^2t=off$ 0.1...0.4 s $I^2t=on$ |
| Instantaneous protection pick-up adjustment type li | Adjustable |
| [li] instantaneous protection pick-up adjustment range | 1.5...11 x In |
| Earth-leakage protection | Integrated |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

| | |
|--|---|
| Earth-leakage protection class | Class A |
| Earth-leakage protection sensitivity adjustment type $I_{\Delta n}$ | Adjustable |
| [$I_{\Delta n}$] earth-leakage protection sensitivity adjustment range | 0.3 A 0.5 A 1 A 3 A 5 A 10 A |
| Earth-leakage protection specific mode | OFF using the $I_{\Delta n}$ rotary switch |
| Earth-leakage protection time delay adjustment type Δt | Adjustable |
| [Δt] Earth-leakage protection time delay adjustment range | 0 Ms 60 Ms 150 Ms 500 Ms 1 s |
| Zone selective interlocking ZSI | Without |
| Local signalling | Flashing LED (green) for ready to operate LED 105 % Ir (red) for overload LED 90 % Ir (orange) for overload |
| Display type | LCD display |
| Type of measurement | Energy meter |
| Communication of data | Protection and alarm settings Energy metering Demand current and power Power quality Earth leakage current Time-stamped histories and event tables Instantaneous and demand values Maximeters/Minimeters Maintenance indicators Test reports |

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 | -40...85 °C |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 11.3 cm |
| Package 1 Width | 9.5 cm |
| Package 1 Length | 18.5 cm |
| Package 1 Weight | 2.404 kg |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 2 |
| Package 2 Height | 30 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 5.43 kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 16 |
| Package 3 Height | 105 cm |
| Package 3 Width | 60 cm |
| Package 3 Length | 80 cm |
| Package 3 Weight | 58.44 kg |

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 |  End Of Life Information |
| Halogen content performance | Halogen free plastic parts product |