# Product data sheet
## Characteristics

# C2534A250
Trip unit MicroLogic Vigi 4.2AL, ComPacT NSX250, 3 poles, electronic basic protections, earth leakage alarm, 250A



## Main

| | |
|---|---|
| Range | ComPacT |
| Range of product | ComPacT NSX100...250 |
| Product or component type | Trip unit |
| Trip unit name | MicroLogic 4.2 AL |
| Trip unit technology | Electronic |
| Range compatibility | ComPacT NSX250 |
| Device application | Distribution |
| Poles description | 3P |
| Protected poles description | 3D |
| Trip unit protection functions | LSoI |
| 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 | 250 A at 40 °C |
| [Ue] rated operational voltage | 440 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 | 100...250 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 |
| [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 | 3000 A |
| Earth-leakage protection | Integrated |
| Earth-leakage protection class | Class A |
| Residual earth-leakage sensitity adjustment type | Adjustable |

| | |
|---|---|
| [IΔn] residual earth-leakage sensitive adjustment | 0.03 A<br>0.1 A<br>0.3 A<br>0.5 A<br>1 A<br>3 A<br>5 A |
| Operating mode | OFF using the IΔn rotary switch |
| Residual earth-leakage time delay adjustment type | Adjustable |
| [Δt] residual earth-leakage time delay adjustment | 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

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|---|---|
| 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

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|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 9.5 Cm |
| Package 1 Width | 11.0 Cm |
| Package 1 Length | 15.0 Cm |
| Package 1 Weight | 598.0 G |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 30.0 Cm |
| Package 2 Width | 30.0 Cm |
| Package 2 Length | 40.0 Cm |
| Package 2 Weight | 6.356 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 55 |
| Total lifecycle Carbon footprint | 122 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 5.0677273381294965 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 5 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.07819817985611512 |
| Carbon footprint of the distribution phase [A4] | 0.1 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.05064930935251799 |
| Carbon footprint of the installation phase [A5] | 0.1 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 115.79103703703703 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 116 kg CO2 eq. |
| Mercury free | Yes |
| Sustainable packaging | No |
| Carbon footprint of the end-of-life phase [C1 to C4] | 1.0548892086330937 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 1 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 122 |

| | |
|---|---|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | No, we have minimized the use of plastic in the packaging in compliance with regulations and c |
| SCIP Number | 30a1d9f8-4e01-4af5-9e39-37da28e21fa3 |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant By Exemption |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, wh |
| Halogen-free status | Product contains halogen above thresholds |
| PVC free | Yes |
| Silicone-free | No |
| Updatability | No |
| End of life manual availability | End Of Life Information |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection a |

## Contractual warranty

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|---|---|
| Warranty (in months) | 18 |

Product Life Status : Commercialised