Product data sheet
Characteristics

C6344V570
Trip unit MicroLogic Vigi 4.3, ComPacT NSX630, 4 poles, electronic basic and earth leakage protections, 570A rating



Main

Range	ComPacT
Range of product	ComPacT NSX400...630
Product or component type	Trip unit
Trip unit name	MicroLogic 4.3
Trip unit technology	Electronic
Range compatibility	ComPacT NSX630
Device application	Distribution
Poles description	4P
Protected poles description	3D + N/2 4D 3D
Neutral position	Left
Trip unit protection functions	LSoIR
Protection type	L : for overload protection (long time) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection R : for earth-leakage protection
[In] rated current	570 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	250...570 A
Long time delay adjustment type	Fixed
[tr] long-time delay adjustment range	11 S at 7.2 x Ir 16 S at 6 x Ir 400 S at 1.5 x Ir
Neutral protection setting	0.5 x Ir (3D + N/2) 1 x Ir (4D) No protection (3D)
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	6900 A
Earth-leakage protection	Integrated
Earth-leakage protection class	Class A
Residual earth-leakage sensitity adjustment type	Adjustable
[IΔn] residual earth-leakage sensitive adjustment	0.3 A 0.5 A 1 A 3 A 5 A 10 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 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 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	17.000 Cm
Package 1 Width	21.000 Cm
Package 1 Length	25.000 Cm
Package 1 Weight	2.380 Kg
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	5.160 Kg

Offer Sustainability

Recyclability potential, in %	55
Total lifecycle Carbon footprint	368 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	28.60977841726619
Carbon footprint of the manufacturing phase [A1 to A3]	29 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.4414666474820144
Carbon footprint of the distribution phase [A4]	0.4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.2859399136690648
Carbon footprint of the installation phase [A5]	0.3 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	332.4603026666667
Carbon footprint of the use phase [B2, B3, B4, B6]	332 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	5.955361151079137

Carbon footprint of the end-of-life phase [C1 to C4]	6 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	368
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	D505d0d6-26f1-48c0-aba7-e61f93a1232a
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, wi
Halogen-free status	Product contains halogen above thresholds
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

Warranty (in months)	18

Product Life Status : Commercialised