

# 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 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	4P
Protected poles description	3D + N/2 4D 3D
Neutral position	Left
Trip unit protection functions	LSolR
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
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 $7.2 \times Ir$ 16 S at $6 \times Ir$ 400 s at $1.5 \times Ir$
Neutral protection settings	$0.5 \times Ir$ (3D + N/2) $1 \times Ir$ (4D) 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 $tsd$	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

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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 $\Delta$ t	Adjustable
[ $\Delta$ t] 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 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	25.0 cm
Package 1 Weight	3.376 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	7.202 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