Product datasheet

Specifications

Trip unit MicroLogic 2.3 for
ComPacT NSX 630 circuit breakers,
electronic, rating 630A, 3 poles 3d

C6332D630

Main

Range	ComPacT
Range of product	ComPacT NSX400...630
Product or component type	Trip unit
Trip unit name	MicroLogic 2.3
Trip unit technology	Electronic
Range compatibility	ComPacT NSX630
Device application	Distribution
Poles description	3P
Protected poles description	3D
Trip unit protection functions	LSoI
Protection type	L : for overload protection (long time) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection
Trip unit rating	630 A at 40 °C
[Ue] rated operational voltage	690 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...630 A
Long-time protection delay adjustment type tr	Fixed
[tr] long-time protection delay adjustment range	11 s at 7.2 x Ir 16 s at 6 x Ir 400 s at 1.5 x Ir
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type Isd	Adjustable 9 settings
[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 Ii	Fixed
[Ii] instantaneous protection pick-up adjustment range	6900 A

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Earth-leakage protection	Without
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

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	13.700 cm
Package 1 Width	17.700 cm
Package 1 Length	21.600 cm
Package 1 Weight	1.349 kg
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.917 kg
Unit Type of Package 3	P06
Number of Units in Package 3	32
Package 3 Height	74.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	56.000 kg

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained ›

How we assess product sustainability ›

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	**204**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Recycled metal content at CR level	**0**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant with Exemptions**
SCIP Number	**2f58816f-3353-4612-b9dd-9acce4b9465f**
REACh Regulation	**REACh Declaration**
Halogen content performance	**Product contains halogen above thresholds**
PVC free	**Yes**
Silicon free	**No**

Use Longer

Lifetime extension

Upgradeability	**No**

Use Again

Repack and remanufacture

Circularity Profile	**End of Life Information**
Take-back	**No**
WEEE	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**