33533

Control unit MicroLogic 6.0A, ComPacT NS630b/NS1600, drawout, selective and earth fault protections (LSIG), ammeter





Main

Range	ComPacT
Range of product	ComPacT NS630b1600 new generation
Product or component type	Trip unit
Trip unit name	MicroLogic 6.0 A
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NS630b1600
Device application	Distribution
Number of poles	4P 3P
Protected poles description	4t 3t + N/2 3t
Trip unit protection functions	Selective + earth-fault protection
Protection type	For overload protection (long time) For short time short-circuit protection For instantaneous short-circuit protection For earth fault
Trip unit rating	630 A at 50 °C 800 A at 50 °C 1000 A at 50 °C 1250 A at 50 °C 1600 A at 50 °C
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Drawout

Complementary

Complementary	
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	0.41 x ln
Long-time protection delay adjustment type tr	Adjustable 9 settings
[tr] long-time protection delay adjustment range	0.716.6 S at 7.2 x lr 0.724 S at 6 x lr 12.5600 s at 1.5 x lr
Thermal memory	20 mn
Short-time protection pick-up adjustment type Isd	Adjustable 9 settings
[Isd] Short-time protection pick-up adjustment range	1.510 x lr
Short-time protection delay adjustment type tsd	Adjustable
[tsd] Short-time protection delay adjustment range	00.4 S I ² t=off 0.10.4 s I ² t=on
Instantaneous protection pick-up adjustment type li	Adjustable 9 settings
[li] instantaneous protection pick-up adjustment range	215 x ln Off
Ground-fault protection pick-up adjustment type Ig	Adjustable 9 settings
[lg] ground-fault protection pick-up adjustment range	0.21 x In for 400 A < In < 1250 A 0.31 x In for In <= 400 A 5001200 A for In >= 1250 A

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 inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in 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.

Ground-fault protection time delay adjustment type tg	Adjustable
[tg] ground-fault protection time delay adjustment range	00.4 S I ² t=off 0.10.4 s I ² t=on
Earth-leakage protection	Without
Zone selective interlocking ZSI	With
Local signalling	3 LEDs (red) for electrical fault 1 LED (red) for internal error
Display type	Digital display
Type of measurement	Ammeter
Communication of data	Measurement readout Protection and alarm settings
Environment Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4085 °C
Packing Units	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.8 cm
Package 1 Width	8.0 cm
Package 1 Length	21.5 cm
Package 1 Weight	368.0 g
Offer Sustainability	
Sustainable offer status	Green Premium product
REACh Regulation	☐ REACh Declaration
FU RoHS Directive	Compliant with Exemptions

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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	
PVC free	Yes	
California proposition 65	warning: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known the State of California to cause birth defects or other reproductive harm. For information go to www.P65Warnings.ca.gov	

Contractual warranty

Warranty	18 months