Product datasheet

Specifications

control unit Micrologic 7.0 H, for Masterpact NT/NW circuit breakers, fixed, LSIV protections

47295

Price: 4,955,812.67 NGN

Main

Range	MasterPact
Range Of Product	MasterPact NW MasterPact NT
Product Or Component Type	Control unit
Trip Unit Name	MicroLogic 7.0 H
Trip Unit Technology	Electronic
Range Compatibility	Masterpact NT06...16 Masterpact NW08...40 Masterpact NW40b...63
Device Application	Distribution
Number Of Poles	3P 4P
Protected Poles Description	4t 3t 3t + N/2
Trip Unit Protection Functions	Selective + earth-leakage protection
Protection Type	for overload protection (long time) for short time short-circuit protection for instantaneous short-circuit protection for earth-leakage protection
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 2000 A at 50 °C 2500 A at 50 °C 3200 A at 50 °C 4000 A at 50 °C 5000 A at 50 °C 6300 A at 50 °C
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	0.4...1 x In
Long-Time Protection Delay Adjustment Type Tr	Adjustable 9 settings

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Tr] Long-Time Protection Delay Adjustment Range	0.7…16.6 s at 7.2 x Ir 0.7…24 s at 6 x Ir 12.5…600 s at 1.5 x Ir
Thermal Memory	20 mn
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	Adjustable
[Tsd] Short-Time Protection Delay Adjustment Range	0…0.4 s I^2t=off 0.1…0.4 s I^2t=on
Instantaneous Protection Pick-Up Adjustment Type Ii	Adjustable 9 settings
[Ii] Instantaneous Protection Pick-Up Adjustment Range	2...15 x In Off
Earth-Leakage Protection	Integrated
Earth-Leakage Protection Sensitity Adjustment Type Iδn	Adjustable 9 settings
[Iδn] Earth-Leakage Protection Sensitivity Adjustment Range	0.5…30 A
Earth-Leakage Sensitivity	10 A for class A 30 A for class AC
Earth-Leakage Protection Time Delay Adjustement Type Δt	Adjustable 5 settings
[Δt] Earth-Leakage Protection Time Delay Adjustment Range	60…800 ms
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	Harmonics meter Power meter
Communication Of Data	Measurement readout Protection and alarm settings Maintenance indicators

Environment

Ambient Air Temperature For Operation	-25…70 °C
Ambient Air Temperature For Storage	-40…85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.0 cm
Package 1 Width	6.0 cm
Package 1 Length	20.0 cm
Package 1 Weight	2.091 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information