Product datasheet

Specifications





Control unit MicroLogic 7.0P, MasterPact NT/NW fixed, selective+earth leakage protections (LSIV), power meter+harmonics

47295

Main

mann	
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 NT0616
	Masterpact NW0840
	Masterpact NW40b63
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

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	0.41 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 l²t=off 0.10.4 s l²t=on
Instantaneous Protection Pick-Up Adjustment Type li	Adjustable 9 settings
[li] Instantaneous Protection Pick- Up Adjustment Range	215 x In Off
Earth-Leakage Protection	Integrated
Earth-Leakage Protection Sensitity Adjustment Type Iōn	Adjustable 9 settings
[Iδn] Earth-Leakage Protection Sensitivity Adjustment Range	0.530 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
[∆t] Earth-Leakage Protection Time Delay Adjustment Range	60800 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	-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	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 Screen

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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