Product datasheet





Control unit MicroLogic 2.0E, MasterPact NT/NW, basic protections LI, energy meter measurement

47600

Discontinued on: Mar 31, 2024



Main

Mairi	
Product or component type	Control unit
Trip unit name	MicroLogic 2.0 E
Trip unit technology	Electronic
Range compatibility	MasterPact NT
	MasterPact NW
	Compact NS
	Masterpact MT
Device application	Distribution
Number of poles	4P
	3P
Protected poles description	4t
	3t
	3t + N/2
Trip unit protection functions	Basic protection
Protection type	for overload protection (long time)
	for instantaneous short-circuit 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
	Drawout

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	

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thermal memory	20 mn	
Instantaneous protection pick-up adjustment type li	Adjustable 9 settings	
[li] instantaneous protection pick- up adjustment range	- 1.510 x lr	
Earth-leakage protection	Without	
Zone selective interlocking ZSI	Without	
Local signalling	3 LEDs (red) for electrical fault 1 LED (red) for internal error	
Display type	Digital display	
Type of measurement	Energy meter	
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	6.600 cm
Package 1 Width	8.000 cm
Package 1 Length	21.700 cm
Package 1 Weight	273.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	15
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.522 kg

Contractual warranty

Warranty 18 months	
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Transparency RoHS/REACh

Well-being performance

	Mercury Free	
⊘	Rohs Exemption Information	Yes
⊘	Pvc Free	

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