# **Product datasheet**





Control unit MicroLogic 6.0E, MasterPact NW drawout, selective and earth fault protections (LSIG), energy meter

48500

#### Main

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Range	MasterPact
Range Of Product	MasterPact NW
Product Or Component Type	Control unit
Trip Unit Name	MicroLogic 6.0 E
Trip Unit Technology	Electronic
Range Compatibility	Masterpact NW0840 Masterpact NW40b63 Masterpact NW H10 Masterpact NW H2 corrosion protection
Device Application	Distribution
Number Of Poles	3P 4P
Protected Poles Description	4t 3t 3t + N/2
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	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	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
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 Ii	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
[Ig] 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
Ground-Fault Protection Time Delay Adjustment Type Tg	Adjustable
[Tg] Ground-Fault Protection Time Delay Adjustment Range	00.4 s l²t=off 0.10.4 s l²t=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	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	6.8 cm
Package 1 Width	8.0 cm
Package 1 Length	21.5 cm
Package 1 Weight	369.0 g

## **Contractual warranty**

Warranty	18 months



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Transparency RoHS/REACh

### Well-being performance

<b>②</b>	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