

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

48500

### Main

Mani		
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	

Thermal memory	20 mn
Short-time protection pick-up	Adjustable 9 settings
adjustment type Isd	
[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	00.4 s l²t=off
adjustment range	0.10.4 s l²t=on
Instantaneous protection pick-up adjustment type li	Adjustable 9 settings
[li] instantaneous protection pick-	215 x ln
up adjustment range	Off
Ground-fault protection pick-up adjustment type Ig	Adjustable 9 settings
[lg] ground-fault protection pick-	0.21 x In for 400 A < In < 1250 A
up adjustment range	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	00.4 s I²t=off
delay adjustment range	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



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

#### Environmental Data explained >

How we assess product sustainability >

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	32
Environmental Disclosure	Product Environmental Profile

### **Use Better**

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	6ac3934d-9e20-40a3-adef-08cec90e29e2
China RoHS Regulation	China RoHS declaration
PVC free	No

### **Use Again**

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Removable battery	User replaceable
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Product contains halogen above thresholds
Take-back	No