

Product data sheet

Characteristics

48363

Micrologic 5.0 P trip unit - LSI - for NW 08..63
drawout



Main

Range	Masterpact
Range of product	Masterpact NW
Product or component type	Control unit
Trip unit name	Micrologic 5.0 P
Trip unit technology	Electronic
Range compatibility	Masterpact NW08...40 Masterpact NW40b..63 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 protection
Protection type	For short time short-circuit protection For overload protection (long time) For instantaneous short-circuit protection
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 I_r (thermal protection)	Adjustable 9 settings
[I_r] long-time protection pick-up adjustment range	0.4...1 x I_n
Long-time protection delay adjustment type t_r	Adjustable 9 settings
[t_r] long-time protection delay adjustment range	0.7...16.6 S at 7.2 x I_r 0.7...24 S at 6 x I_r 12.5...600 s at 1.5 x I_r
Thermal memory	20 mn
Short-time protection pick-up adjustment type I_{sd}	Adjustable 9 settings
[I_{sd}] Short-time protection pick-up adjustment range	1.5...10 x I_r
Short-time protection delay adjustment type t_{sd}	Adjustable
[t_{sd}] Short-time protection delay adjustment range	0...0.4 S $I^{t=off}$ 0.1...0.4 s $I^{t=on}$
Instantaneous protection pick-up adjustment type I_i	Adjustable 9 settings
[I_i] instantaneous protection pick-up adjustment range	Off 2...15 x I_n
Earth-leakage protection	Without
Zone selective interlocking ZSI	With

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Local signalling	3 LEDs (red) for electrical fault 1 LED (red) for internal error
Display type	Digital display
Type of measurement	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

Offer Sustainability

REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
PVC free	Yes

Contractual warranty

Warranty	18 months
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