

Product datasheet

Specifications



control unit Micrologic 5.0 A,
selective protections LSI, ammeter
measurement

33072

Main

Product or component type	Control unit
Trip unit name	MicroLogic 5.0 A
Trip unit technology	Electronic
Range compatibility	MasterPact NT MasterPact NW Compact NS Masterpact MT PowerPact P-Frame PowerPact R-Frame
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	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 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 tr	Adjustable 9 settings
[Tr] long-time protection delay adjustment range	0.7...16.6 s at 7.2 x Ir 0.7...24 s at 6 x Ir 12.5...600 s at 1.5 x Ir
Thermal memory	20 mn
Short-time protection pick-up adjustment type lsd	Adjustable 9 settings
[lsd] Short-time protection pick-up adjustment range	1.5...10 x Ir
Short-time protection delay adjustment type tsd	Adjustable
[tsd] Short-time protection delay adjustment range	0...0.4 s I ² t=off 0.1...0.4 s I ² t=on
Instantaneous protection pick-up adjustment type li	Adjustable 9 settings
[li] instantaneous protection pick-up adjustment range	2...15 x In Off
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	Ammeter
Communication of data	Measurement readout Protection and alarm settings

Environment

Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C