

Product data sheet

Characteristics

C1032M050

Trip unit MicroLogic 2.2M, ComPacT
NSX100/160/250, 3 poles, electronic basic
protections, motor protection, 50A rating



Main

Range	ComPacT new generation
Range of product	ComPacT NSX100...250 new generation
Product or component type	Trip unit
Trip unit name	MicroLogic 2.2 M
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NSX100 ComPacT new generation NSX160 ComPacT new generation NSX250
Device application	Motor
Poles description	3P
Protected poles description	3D
Trip unit protection functions	LSol
Protection type	L : for overload protection (long time) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection
Trip unit rating	50 A at 65 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Fixed

Complementary

Motor tripping class	20 5 10
Complementary motor protection	Phase unbalance
Long-time pick-up adjustment type I_r (thermal protection)	Adjustable 9 settings
[I_r] long-time protection pick-up adjustment range	25...50 A
Long-time protection delay adjustment type tr	Fixed
[tr] long-time protection delay adjustment range	120 S at 1.5 x I_r for trip class 5 6.5 S at 6 x I_r for trip class 5 5 S at 7.2 x I_r for trip class 5 240 S at 1.5 x I_r for trip class 10 13.5 S at 6 x I_r for trip class 10 10 S at 7.2 x I_r for trip class 10 480 S at 1.5 x I_r for trip class 20 26 S at 6 x I_r for trip class 20 20 s at 7.2 x I_r for trip class 20
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type Isd	Adjustable 9 settings
[Isd] Short-time protection pick-up adjustment range	5...13 x I_r
Short-time protection delay adjustment type tsd	Fixed
Instantaneous protection pick-up adjustment type li	Fixed

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[ii] instantaneous protection pick-up adjustment range	750 A
Earth-leakage protection	Without
Zone selective interlocking ZSI	Without
Local signalling	Flashing LED (green) for ready to operate LED 95 % lth (red) for temperature over set point

Environment

Standards	EN/IEC 60947-2
Electrical shock protection class	Class II
Pollution degree	3 conforming to IEC 60947-1
IP degree of protection	IP40 conforming to IEC 60529
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.6 cm
Package 1 Width	9.8 cm
Package 1 Length	11.4 cm
Package 1 Weight	434.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	10.862 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information