

Product datasheet

Specifications



trip unit MicroLogic 2.2 M for ComPacT NSX 100/160/250 circuit breakers, electronic, rating 50 A, 3 poles 3d

C1032M050

Main

Range	ComPacT new generation
Range of product	ComPacT NSX100...250 new generation
Product or component type	Control 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	3t
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 t _r	Fixed
[T _r] 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 Ir for trip class 10
 13.5 s at 6 x Ir for trip class 10
 10 s at 7.2 x Ir for trip class 10
 480 s at 1.5 x Ir for trip class 20
 26 s at 6 x Ir for trip class 20
 20 s at 7.2 x Ir 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 Ir
Short-time protection delay adjustment type tsd	Fixed
[Tsd] Short-time protection delay adjustment range	0.01 s
Instantaneous protection pick-up adjustment type li	Fixed
[li] 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	UL 508 EN/IEC 60947-2
Product certifications	Marine CCC
Pollution degree	3 conforming to IEC 60947-1
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 Weight	434.0 g
Package 1 Height	6.6 cm
Package 1 width	9.8 cm
Package 1 Length	11.4 cm
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Weight	10.862 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration

Mercury free	Yes
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RoHS exemption information	Yes
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China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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Contractual warranty

Warranty	18 months
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