

Product data sheet

Characteristics

C1032M025

Trip unit MicroLogic 2.2M, ComPacT
NSX100/160/250, 3 poles, electronic basic
protections, motor protection, 25A 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	25 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	10 5 20
Complementary motor protection	Phase unbalance
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	12...25 A
Long-time protection delay adjustment type tr	Fixed
[tr] long-time protection delay adjustment range	120 S at 1.5 x Ir for trip class 5 6.5 S at 6 x Ir for trip class 5 5 S at 7.2 x Ir 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
Instantaneous protection pick-up adjustment type li	Fixed

[li] instantaneous protection pick-up adjustment range	425 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	6.500 cm
Package 1 Width	9.500 cm
Package 1 Length	11.000 cm
Package 1 Weight	440.0 g

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