C6336M500

Trip unit MicroLogic 6.3EM, ComPacT NSX630, 3 poles, basic and ground fault protections, motor, energy meter, 500A





Main

Range	ComPacT new generation
Range of product	ComPacT NSX400630 new generation
Product or component type	Trip unit
Trip unit name	MicroLogic 6.3 E-M
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NSX630
Device application	Motor
Poles description	3P
Protected poles description	3D
Trip unit protection functions	LSIG
Protection type	L : for overload protection (long time) S : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection G : for ground fault protection
Trip unit rating	500 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

10 30 20 Complementary motor protection Current unbalance Protracted starting time Stalled rotor Underload Long-time pick-up adjustment type Ir (thermal protection) [Ir] long-time protection pick-up adjustment range 250500 A Long-time protection delay adjustment type tr Adjustable	Complementary	
Protracted starting time Stalled rotor Underload Long-time pick-up adjustment type Ir (thermal protection) [Ir] long-time protection pick-up adjustment range 250500 A Long-time protection delay adjustment type tr Adjustable [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 5 S at 7.2 x Ir for trip class 10 13.5 S at 6 x Ir for trip class 10 13.5 S at 6 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 20 720 S at 1.5 x Ir for trip class 30 30 s at 7.2 x Ir for trip class 30 Thermal memory 20 minutes before and after tripping	Motor tripping class	10 30
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Short-time protection pick-up adjustment type Isd Adjustable 9 settings	Thermal memory	20 minutes before and after tripping
	Short-time protection pick-up adjustment type Isd	Adjustable 9 settings

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

[Isd] Short-time protection pick-up adjustment range	513 x lr
Short-time protection delay adjustment type tsd	Fixed
Instantaneous protection pick-up adjustment type li	Fixed
[li] instantaneous protection pick-up adjustment range	6500 A
Ground-fault protection pick-up adjustment type Ig	Adjustable
[lg] ground-fault protection pick-up adjustment range	0.21 x In for In = 50 A Ig enable on/off
Ground-fault protection time delay adjustment type tg	Adjustable
[tg] ground-fault protection time delay adjustment range	00.4 s
Earth-leakage protection	Without
Zone selective interlocking ZSI	With
Local signalling	Flashing LED (green) for ready to operate LED 95 % Ith (red) for temperature over set point
Display type	LCD display
Type of measurement	Energy meter
Communication of data	Energy metering Protection and alarm settings Time-stamped histories and event tables Instantaneous and demand values Maintenance indicators Demand current and power Power quality Maximeters/minimeters
Electrical data recording	Maintenance indicators

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	-2570 °C
Ambient air temperature for storage	-4085 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.500 cm
Package 1 Width	17.800 cm
Package 1 Length	21.500 cm
Package 1 Weight	1.450 kg
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	6.290 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
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov