Product data sheet
Characteristics

C1632M150
Trip unit MicroLogic 2.2M, ComPacT NSX160/250, 3 poles, electronic basic protections, motor protection, 150A rating



Main

Range	ComPacT
Range of product	ComPacT NSX100...250
Product or component type	Trip unit
Trip unit name	MicroLogic 2.2 M
Trip unit technology	Electronic
Range compatibility	ComPacT NSX160 ComPacT NSX250
Device application	Motor
Poles description	3P
Protected poles description	3D
Trip unit protection functions	LSoI
Protection type	L : for overload protection (long time) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection
[In] rated current	150 A at 65 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz
Mounting mode	Fixed

Complementary

Motor tripping class	10 5 20
Complementary motor protection	Phase unbalance
Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	70...150 A
Long time delay adjustment type	Fixed
[tr] long-time 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 pick-up adjustment type Isd	Adjustable 9 settings
[Isd] short-time pick-up adjustment range	5...13 x Ir

Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type Ii	Fixed
Instantaneous pick-up adjustment range	2250 A
Earth-leakage protection	Without
Zone selective interlocking ZSI	Without
Local signalling	Flashing LED (green) for ready to operate LED 95 % Ith (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	9.800 Cm
Package 1 Length	11.300 Cm
Package 1 Weight	435.500 G
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	10.879 Kg

Offer Sustainability

Recyclability potential, in %	54
Total lifecycle Carbon footprint	31 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	3.33051890856869
Carbon footprint of the manufacturing phase [A1 to A3]	3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.125105849688846
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0360517089516515
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	26.5375738636363
Carbon footprint of the use phase [B2, B3, B4, B6]	27 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.730549353757778
Carbon footprint of the end-of-life phase [C1 to C4]	0.7 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	31
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	9cd110c5-7f48-4bb3-91b8-ba77f361496d
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes

Silicone-free	No
Updatability	No
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised