

Product data sheet

Characteristics

NX160TPNDI

fuse switch NX160 - 3P + N - DIN fuse - size
00 - 160 A - 76 kW - 415 V

Main

Range of product	Fupact
Fuse switch name	NX160
Poles description	3P + N
Protected poles description	3f
Fuse type	DIN
Fuse size	00
Network type	AC
Provision for padlocking	Padlockable
[Ie] rated operational current	DC-22A: 160 A at 125 V DC (2 poles in series) DC-23A: 160 A at 125 V DC (2 poles in series) AC-22A: 160 A at 220/240 V AC 50/60 Hz AC-23A: 160 A at 220/240 V AC 50/60 Hz DC-22A: 160 A at 250 V DC (4 poles in series) DC-23A: 160 A at 250 V DC (4 poles in series) AC-22A: 160 A at 380/415 V AC 50/60 Hz AC-23A: 160 A at 380/415 V AC 50/60 Hz
Maximum power	76 kW at 415 V AC 50/60 Hz
Suitability for isolation	Yes

Complementary

Network frequency	50/60 Hz
Control type	Direct rotary handle
Rotary handle mounting location	Front
Rotary handle mounting style	Telescopic shaft with rotary handle
Handle colour	Black
[Ith] conventional free air thermal current	160 A (50 °C)
Rated duty	Uninterrupted
[Ui] rated insulation voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ue] rated operational voltage	415 V AC 50/60 Hz
[Im] rated making and breaking capacity	Icm 176 kA at 415 V (with fuse) Icn 80 kA at 415 V (with fuse)
Contact position indicator	Yes
Mechanical durability	15000 cycles
Electrical durability	AC-23A: 1000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-3
[Icw] rated short-time withstand current	5 kA for 1 s
Connections - terminals	Bolted connection
Tightening torque	14 N.m for terminal
Height	144 mm
Width	199 mm
Depth	190 mm

Environment

Standards	EN 60947-1 EN 60947-3 IEC 60947-3
Pollution degree	3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.0 cm
Package 1 Width	17.0 cm
Package 1 Length	37.0 cm
Package 1 Weight	4.25 kg

Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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