

H429593

NSX400N M.logic 2,3 400A 3P

**Partnumber:** LV432693

Wholesalernumber: 4393909

EAN 13 code: 3606480015137

circuit breaker Compact NSX400N - Micrologic 2.3 - 400 A - 3 poles 3d

## Technical information

### ► Usage / Application

circuit breaker application distribution

### ► Functional

control type toggle

local signalling LED 105 % Ir

LED ready

trip unit protection functions LSol

protection type instantaneous short-circuit protection

overload protection (long time)

short time short-circuit protection

adjustable 9 settings

long time pick-up adjustment type Ir

long time pick-up adjustment range 0.9...1 x Io

long time delay adjustment type fixed

[tr] long-time delay adjustment 16 s 6 x Ir

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 1.5...10 x Ir

short-time delay adjustment type fixed

instantaneous pick-up adjustment type Ii fixed

instantaneous pick-up adjustment range 4800 A

### ► Electrical

poles description 3P

protected poles description 3t

network type AC

network frequency 50/60 Hz

[In] rated current 400 A ( 40 °C )

[Ui] rated insulation voltage 800 V AC 50/60 Hz

[Uimp] rated impulse withstand voltage 8 kV

[Ue] rated operational voltage 690 V AC 50/60 Hz

breaking capacity 20 kA at 600 V AC 50/60 Hz conforming to NEMA AB1

20 kA at 600 V AC 50/60 Hz conforming to UL 508

42 kA at 480 V AC 50/60 Hz conforming to NEMA AB1

50 kA at 480 V AC 50/60 Hz conforming to UL 508

85 kA at 240 V AC 50/60 Hz conforming to NEMA AB1

85 kA at 240 V AC 50/60 Hz conforming to UL 508

Icu 10 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2

Icu 22 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2

Icu 30 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2

Icu 42 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2

Icu 50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2

Icu 85 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2

category A

utilisation category

### ► Performance

[Ics] rated service breaking capacity Ics 10 kA 660/690 V AC 50/60 Hz conforming to IEC 60947-2

Ics 11 kA 525 V AC 50/60 Hz conforming to IEC 60947-2

Ics 30 kA 500 V AC 50/60 Hz conforming to IEC 60947-2

Ics 42 kA 440 V AC 50/60 Hz conforming to IEC 60947-2

mechanical durability	Ics 50 kA 380/415 V AC 50/60 Hz conforming to IEC 60947-2
electrical durability	Ics 85 kA 220/240 V AC 50/60 Hz conforming to IEC 60947-2
	15000 cycles cycles
	12000 cycles 440 V In/2 conforming to IEC 60947-2
	3000 cycles 690 V In conforming to IEC 60947-2
	6000 cycles 440 V In conforming to IEC 60947-2
	6000 cycles 690 V In/2 conforming to IEC 60947-2
<b>► Connections</b>	
upside connection	front
downside connection	front
connection pitch	45 mm mm
<b>► Installation</b>	
mounting mode	fixed
mounting support	backplate
<b>► Product identification</b>	
range of product	NSX400...630
product or component type	circuit breaker
circuit breaker name	Compact NSX400N
device short name	Compact NSX400N
breaking capacity code	N
suitability for isolation	yes conforming to EN 60947-2
	yes conforming to IEC 60947-2
trip unit name	Micrologic 2.3
trip unit technology	electronic
trip unit rating	400 A ( 40 °C )
<b>► Physical characteristics</b>	
height	255 mm mm
width	140 mm mm
depth	110 mm mm
product weight	6.05 kg kg
<b>► Environment</b>	
electrical shock protection class	class II
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
pollution degree	3 conforming to IEC 60664-1
ambient air temperature for operation	-35...70 °C °C
ambient air temperature for storage	-55...85 °C °C
<b>► Certifications and standards</b>	
standards	EN 60947-2
	IEC 60947-2
	NEMA AB1
	UL 508
product certifications	CSA
	UL

#### Supplier information

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