# Product datasheet Characteristics

## LV432094

trip unit Micrologic 5.3 A for Compact NSX 400/630 A circuit breakers, electronic, rating 400A, 4 poles 4d



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Range of product NSX400630  Product or component type Control unit  Range compatibility Compact NSX400 Compact NSX630  Device application Distribution  Poles description 4P  Protected poles description 4t	TTT-CALL		
Range compatibility  Compact NSX400 Compact NSX400 Compact NSX630  Device application  Poles description  4P  Protected poles description  4t  3t + 1.6 N  3t  3t + N/2  Neutral position  Left  Network type  AC  Network frequency  50/60 Hz  Trip unit name  Micrologic 5.3 A  Trip unit technology  Electronic  Trip unit protection functions  LSI  Protection type  L: for overload protection (long time) S: for short time short-circuit protection I: for instantaneous short-circuit protection	Range of product	NSX400630	
Compact NSX630  Device application Distribution  Poles description 4P  Protected poles description 4t	Product or component type	Control unit	
Poles description  4P  Protected poles description  4t  3t + 1.6 N  3t  3t + N/2  Neutral position  Left  Network type  AC  Network frequency  50/60 Hz  Trip unit name  Micrologic 5.3 A  Trip unit technology  Electronic  Trip unit protection functions  LSI  Protection type  L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection	Range compatibility		
Protected poles description  4t 3t + 1.6 N 3t 3t + N/2  Neutral position  Left  Network type  AC  Network frequency  50/60 Hz  Trip unit name  Micrologic 5.3 A  Trip unit technology  Electronic  Trip unit protection functions  LSI  Protection type  L: for overload protection (long time) S: for short time short-circuit protection I: for instantaneous short-circuit protection	Device application	Distribution	
3t + 1.6 N   3t   3t + N/2	Poles description	4P	
Network type AC  Network frequency 50/60 Hz  Trip unit name Micrologic 5.3 A  Trip unit technology Electronic  Trip unit protection functions LSI  Protection type L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection	Protected poles description	3t + 1.6 N 3t	
Network frequency 50/60 Hz  Trip unit name Micrologic 5.3 A  Trip unit technology Electronic  Trip unit protection functions LSI  Protection type L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection	Neutral position	Left	
Trip unit name Micrologic 5.3 A  Trip unit technology Electronic  Trip unit protection functions LSI  Protection type L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection	Network type	AC	
Trip unit technology Electronic  Trip unit protection functions LSI  Protection type L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection	Network frequency	50/60 Hz	
Trip unit protection functions  LSI  Protection type  L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection	Trip unit name	Micrologic 5.3 A	
Protection type  L: for overload protection (long time) S: for short time short-circuit protection I: for instantaneous short-circuit protection	Trip unit technology	Electronic	
S : for short time short-circuit protection I : for instantaneous short-circuit protection	Trip unit protection functions	LSI	
Trip unit rating 400 A at 40 °C	Protection type	S : for short time short-circuit protection	
	Trip unit rating	400 A at 40 °C	

#### Complementary

Mounting mode	Fixed	ಸ ಇ
[Ue] rated operational voltage	690 V AC 50/60 Hz	
Neutral protection setting	0.5 x lr (3t + N/2) 1 x lr (4t) 1.6 x lr (3t + OSN) No protection (3t)	itation is not intend
Long time pick-up adjustment type Ir	Adjustable 9 settings	en Tal
[Ir] long time pick-up adjustment range	160400 A	
Long time delay adjustment type	Adjustable	
[Tr] long-time delay adjustment range	15400 s at 1.5 x lr 0.3511 s at 7.2 x lr	

#### 0.5...16 s at 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	1.510 x lr
Short-time delay adjustment type	Adjustable
[Tsd] short-time delay adjustment range	00.4 s l²t=off 0.10.4 s l²t=on
Instantaneous pick-up adjustment type li	Adjustable
[li] instantaneous pick-up adjustment range	1.512 x ln
Zone selective interlocking ZSI	With
Communication of data	Maintenance indicators Instantaneous and demand values Energy metering Time-stamped histories and event tables Power quality Demand current and power Protection and alarm settings Maximeters/minimeters
Display type	LCD display
Type of measurement	Ammeter
Electrical data recording	Maintenance indicators

#### Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	Marine EAC CCC
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4085 °C

### Offer Sustainability

EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information

#### Contractual warranty

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Warranty	18	3 months