

# Product Datasheet

## Characteristic

# LV432756

switch disconnecter ComPact NSX400  
NA, 3 poles, 400 A



### Main

range	ComPact
product name	ComPact NSX
Product or Component Type	Switch disconnecter
device short name	Compact NSX400NA
poles description	3P
network type	AC
[Ue] rated operational voltage	690 V AC 50/60 Hz IEC 60947-3
[Ie] rated operational current	AC-22A 400 A AC 50/60 Hz 220...690 V AC-23A 400 A AC 50/60 Hz 220...690 V
[Ui] rated insulation voltage	800 V AC 50/60 Hz IEC 60947-3
[Uimp] rated impulse withstand voltage	8 kVIEC 60947-3
[Ith] conventional free air thermal current	400 A 140 °F (60 °C)
[Icm] rated short-circuit making capacity	330 kA with upstream protection circuit breaker 7.1 kA switch-disconnector alone
breaking capacity code	NA
suitability for isolation	Yes EN 60947-3 Yes IEC 60947-3
contact position indicator	Yes
visible break	No
pollution degree	3 IEC 60664-1

### Complementary

Control Type	Toggle
Mounting Mode	Fixed
Mounting Support	Backplate
upside connection	Front
downside connection	Front
[Icw] rated short-time withstand current	1.93 kA 20 s IEC 60947-3 5 kA 1 s IEC 60947-3 5 kA 3 s IEC 60947-3
mechanical durability	15000 cycles IEC 60947-3
electrical durability	AC-22A 10000 cycles 440 V AC 50/60 Hz In/2 IEC 60947-3 AC-22A 2500 cycles 690 V AC 50/60 Hz In IEC 60947-3 AC-22A 5000 cycles 440 V AC 50/60 Hz In IEC 60947-3 AC-22A 5000 cycles 690 V AC 50/60 Hz In/2 IEC 60947-3

	AC-23A 10000 cycles 440 V AC 50/60 Hz In/2 IEC 60947-3 AC-23A 2500 cycles 690 V AC 50/60 Hz In IEC 60947-3 AC-23A 5000 cycles 440 V AC 50/60 Hz In IEC 60947-3 AC-23A 5000 cycles 690 V AC 50/60 Hz In/2 IEC 60947-3
connection pitch	1.77 in (45 mm)
Height	10.04 in (255 mm)
Width	5.51 in (140 mm)
Depth	4.33 in (110 mm)
Net Weight	11.46 lb(US) (5.2 kg)

## Environment

standards	EN/IEC 60947 UL 508
Product Certifications	EAC CCC
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 IEC 62262
electrical shock protection class	Class II
ambient air temperature for operation	-31...158 °F (-35...70 °C)
Ambient Air Temperature for Storage	-67...185 °F (-55...85 °C)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	ENVPEP120606EN
Circularity Profile	ENVEOLI120604EN
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.