

Product Datasheet

Characteristic

C403400S

Switch disconnecter, ComPacT
NSX400NA, 3 poles, fixed, thermal
current I_{th} 400A



Main

range	ComPacT new generation
product name	ComPacT NSX new generation
device short name	NSX400NA
Product or Component Type	Switch disconnecter
Device Application	Distribution
poles description	3P
[I _{th}] conventional free air thermal current	400 A 122 °F (50 °C)
[I _e] 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
[U _e] rated operational voltage	690 V AC 50/60 Hz
network type	AC
suitability for isolation	Yes EN/IEC 60947-3
utilisation category	AC-22A AC-23A
breaking capacity code	NA
contact position indicator	Yes
visible break	No
Mounting Mode	Fixed
[I _{cw}] rated short-time withstand current	5 kA 1 s 5 kA 3 s 1.93 kA 20 s
[I _{cm}] rated short-circuit making capacity	330 kA with upstream protection circuit breaker 7.1 kA switch-disconnector alone
Control Type	Toggle
[U _i] rated insulation voltage	800 V AC 50/60 Hz
[U _{imp}] rated impulse withstand voltage	8 kV

Complementary

Mounting Support	Backplate
upside connection	Front
downside connection	Front
connection pitch	1.77 in (45 mm)
mechanical durability	15000 cycles

electrical durability	AC-22A 10000 cycles 440 V AC 50/60 Hz In/2 AC-22A 2500 cycles 690 V AC 50/60 Hz In AC-22A 5000 cycles 440 V AC 50/60 Hz In AC-22A 5000 cycles 690 V AC 50/60 Hz In/2 AC-23A 10000 cycles 440 V AC 50/60 Hz In AC-23A 2500 cycles 690 V AC 50/60 Hz In AC-23A 5000 cycles 440 V AC 50/60 Hz In AC-23A 5000 cycles 690 V AC 50/60 Hz In/2
Width	5.51 in (140 mm)
Height	10.04 in (255 mm)
Depth	4.33 in (110 mm)
Net Weight	11.46 lb(US) (5.2 kg)
standards	EN/IEC 60947-1 EN/IEC 60947-3
Product Certifications	CE EAC CCC

Environment

IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 IEC 62262
electrical shock protection class	Class II
pollution degree	3 IEC 60664-1
ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-58...185 °F (-50...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	ENVPEP2107004EN
Circularity Profile	ENVEOLI2107004EN
PVC free	Yes
Halogen content performance	Halogen free plastic parts product