Product datasheet

Specifications

Discontinued

switch disconnector ComPact NSX500 NA DC PV, 4 poles, 500 A

LV438500

Discontinued on: 3 Jan 2024

Main

Range	ComPact
Product name	ComPact NSX DC
Product or component type	Switch disconnector
Device short name	Compact NSX500NA DC PV
Poles description	4P
Network type	DC
[Ue] rated operational voltage	1000 V DC conforming to IEC 60947-3
[Ie] rated operational current	DC-22A: 400 A DC 1000 V
[Ui] rated insulation voltage	1000 V DC conforming to IEC 60947-3
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-3
[Ith] conventional free air thermal current	400 A at 65 °C
[Icm] rated short-circuit making capacity	6 kA switch-disconnector alone
Breaking capacity code	NA
Suitability for isolation	Yes conforming to IEC 60947-3
Contact position indicator	Yes
Visible break	No
Utilisation category	DC-22A
Pollution degree	3 conforming to IEC 60947-3

Complementary

Control type	Toggle
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
[Icw] rated short-time withstand current	6 kA during 1 s conforming to IEC 60947-3
Mechanical durability	5000 cycles conforming to IEC 60947-3
Electrical durability	1000 cycles 1000 V DC In conforming to IEC 60947-3
Connection pitch	45 mm
Height	225 mm
Width	185 mm

Depth	110 mm
Net weight	8.1 kg

Environment

Standards	EN/IEC 60947-3
Product certifications	CE
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK07

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.7 cm
Package 1 Width	21.0 cm
Package 1 Length	30.0 cm
Package 1 Weight	7.567 kg
Unit Type of Package 2	S04
Number of Units in Package 2	3
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	23.953 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Longer

Lifetime extension

Repair	No

Use Again

Repack and remanufacture

WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins