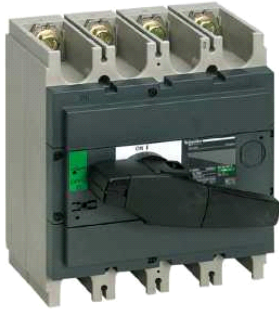


31115

switch-disconnector Compact INS630 - 630 A - 4 poles



Main

Range	Compact
Product or component type	Switch disconnector
Product name	Compact INS
Poles description	4P
Network type	AC DC
Network frequency	50/60 Hz
[Ie] rated operational current	AC-23A : 630 A AC 50/60 Hz 220/240 V AC-23A : 630 A AC 50/60 Hz 380/415 V AC-23A : 630 A AC 50/60 Hz 440/480 V AC-23A : 630 A AC 50/60 Hz 500/525 V AC-23A : 630 A AC 50/60 Hz 660/690 V AC-23A : 630 A AC 50/60 Hz 480 V NEMA AC-22A : 630 A AC 50/60 Hz 660/690 V AC-22A : 630 A AC 50/60 Hz 440/480 V DC-23B : 630 A DC 250 V 4 poles in series DC-23A : 550 A DC 250 V 4 poles in series AC-22A : 630 A AC 50/60 Hz 220/240 V DC-22A : 550 A DC 125 V 2 poles in series AC-22A : 630 A AC 50/60 Hz 500/525 V AC-22A : 630 A AC 50/60 Hz 380/415 V DC-23A : 550 A DC 125 V 2 poles in series AC-22A : 630 A AC 50/60 Hz 480 V NEMA DC-22A : 550 A DC 250 V 4 poles in series DC-23B : 630 A DC 125 V 2 poles in series
[Ui] rated insulation voltage	750 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV 8 kV conforming to IEC 60947-3
[Ith] conventional free air thermal current	630 A (60 °C)
[Icm] rated short-circuit making capacity	330 kA 690 V AC 50/60 Hz with upstream protection circuit breaker 50 kA 690 V AC 50/60 Hz switch-disconnector alone
[Ue] rated operational voltage	250 V DC 690 V AC 50/60 Hz
Suitability for isolation	Yes
Contact position indicator	Yes
Visible break	No
Pollution degree	3

Complementary

Control type	Direct front rotary handle
Handle colour	Black
Mounting mode	Fixed
Mounting support	Plate Rail
Upside connection	Front
Downside connection	Front
Maximum power	AC-23 : 200 kW 230 V NEMA AC 50/60 Hz AC-23 : 200 kW 220/240 V AC 50/60 Hz AC-23 : 315 kW 380/415 V AC 50/60 Hz AC-23 : 375 kW 480 V NEMA AC 50/60 Hz AC-23 : 400 kW 440 V AC 50/60 Hz AC-23 : 400 kW 500/525 V AC 50/60 Hz AC-23 : 560 kW 660/690 V AC 50/60 Hz
Rated duty	Uninterrupted

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

[Icw] rated short-time withstand current	11.5 kA (3 s) conforming to IEC 60947-3 20 kA (1 s) conforming to IEC 60947-3 4 kA (30 s) conforming to IEC 60947-3 4.9 kA (20 s) conforming to IEC 60947-3
Mechanical durability	10000 cycles
Electrical durability	AC-22A : 1500 cycles 440 V AC 50/60 Hz AC-22A : 1500 cycles 500 V AC 50/60 Hz AC-22A : 1500 cycles 690 V AC 50/60 Hz AC-23A : 1500 cycles 440 V AC 50/60 Hz AC-23A : 1500 cycles 500 V AC 50/60 Hz AC-23A : 1500 cycles 690 V AC 50/60 Hz DC-23A : 1000 cycles 250 V DC DC-23B : 200 cycles 250 V DC
Connection pitch	45 mm
Height	205 mm
Width	185 mm
Depth	130 mm
Product weight	4.9 kg

Environment

standards	IEC 60947-1 IEC 60947-3
product certifications	CCC KEMA-KEUR
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
ambient air temperature for operation	-25...70 °C
ambient air temperature for storage	-50...85 °C