

31111

switch-disconnector Compact INS400 - 400 A - 4 poles



Main

| | |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range | Compact |
| Product name | INS400 |
| Poles description | 4P |
| Network type | AC DC |
| Network frequency | 50/60 Hz |
| [Ie] rated operational current | AC-22A: 400 A AC 50/60 Hz 220/240 V AC-22A: 400 A AC 50/60 Hz 380/415 V AC-22A: 400 A AC 50/60 Hz 440/480 V AC-22A: 400 A AC 50/60 Hz 480 V NEMA AC-22A: 400 A AC 50/60 Hz 500/525 V AC-22A: 400 A AC 50/60 Hz 660/690 V AC-23A: 400 A AC 50/60 Hz 220/240 V AC-23A: 400 A AC 50/60 Hz 380/415 V AC-23A: 400 A AC 50/60 Hz 440/480 V AC-23A: 400 A AC 50/60 Hz 480 V NEMA AC-23A: 400 A AC 50/60 Hz 500/525 V AC-23A: 400 A AC 50/60 Hz 660/690 V DC-22A: 400 A DC 125 V 2 poles in series DC-22A: 400 A DC 250 V 4 poles in series DC-23A: 400 A DC 125 V 2 poles in series DC-23A: 400 A DC 250 V 4 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 | 400 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: 110 kW 220/240 V AC 50/60 Hz AC-23: 110 kW 230 V NEMA AC 50/60 Hz AC-23: 200 kW 380/415 V AC 50/60 Hz AC-23: 220 kW 440 V AC 50/60 Hz AC-23: 220 kW 480 V NEMA AC 50/60 Hz AC-23: 250 kW 500/525 V AC 50/60 Hz AC-23: 400 kW 660/690 V AC 50/60 Hz |
| Rated duty | Uninterrupted |
| [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 |

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

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 |
| 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 |