



Main

| | |
|---|--|
| Range | Compact |
| Product name | Compact INS |
| Product or component type | Switch disconnector |
| Poles description | 3P |
| Network type | AC DC |
| Network frequency | 50/60 Hz |
| [Ie] rated operational current | AC-22B : 2000 A AC 50/60 Hz 380/415 V DC-21B : 2000 A DC 125 V 2 poles in series AC-21B : 2000 A AC 50/60 Hz 220/240 V AC-21B : 2000 A AC 50/60 Hz 440/480 V DC-22B : 2000 A DC 125 V 2 poles in series AC-22B : 2000 A AC 50/60 Hz 480 V NEMA AC-22B : 2000 A AC 50/60 Hz 500/525 V AC-21B : 2000 A AC 50/60 Hz 660/690 V AC-21B : 2000 A AC 50/60 Hz 380/415 V AC-21B : 2000 A AC 50/60 Hz 480 V NEMA AC-22B : 2000 A AC 50/60 Hz 440/480 V AC-21B : 2000 A AC 50/60 Hz 500/525 V AC-22B : 2000 A AC 50/60 Hz 660/690 V AC-22B : 2000 A AC 50/60 Hz 220/240 V |
| [Ui] rated insulation voltage | 1000 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 12 kV |
| [Ith] conventional free air thermal current | 2000 A (60 °C) |
| [Icm] rated short-circuit making capacity | 105 kA 690 V AC 50/60 Hz switch-disconnector alone 105 kA 690 V AC 50/60 Hz with upstream protection circuit breaker |
| [Ue] rated operational voltage | 125 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 |
| Rated duty | Uninterrupted |
| Intermittent duty class | Class 120 - 60 % |
| [Icw] rated short-time withstand current | 11 kA (30 s) conforming to IEC 60947-3 13 kA (20 s) conforming to IEC 60947-3 30 kA (3 s) conforming to IEC 60947-3 50 kA (0.5 s) conforming to IEC 60947-3 50 kA (0.8 s) conforming to IEC 60947-3 50 kA (1 s) conforming to IEC 60947-3 |
| Mechanical durability | 3000 cycles |
| Electrical durability | DC-22B : 100 cycles 125 V DC 2 poles in series |

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.

AC-21B : 100 cycles 220/240 V AC 50/60 Hz
 AC-21B : 100 cycles 380/415 V AC 50/60 Hz
 AC-21B : 100 cycles 440/480 V AC 50/60 Hz
 AC-21B : 100 cycles 480 V AC 50/60 Hz conforming to NEMA
 AC-21B : 100 cycles 500/525 V AC 50/60 Hz
 AC-21B : 100 cycles 660/690 V AC 50/60 Hz
 AC-22B : 100 cycles 220/240 V AC 50/60 Hz
 AC-22B : 100 cycles 380/415 V AC 50/60 Hz
 AC-22B : 100 cycles 440/480 V AC 50/60 Hz
 AC-22B : 100 cycles 480 V AC 50/60 Hz conforming to NEMA
 AC-22B : 100 cycles 500/525 V AC 50/60 Hz
 AC-22B : 100 cycles 660/690 V AC 50/60 Hz
 DC-21B : 100 cycles 125 V DC 2 poles in series

| | |
|------------------|----------|
| Connection pitch | 70 mm |
| Height | 440 mm |
| Width | 347.5 mm |
| Depth | 227.5 mm |
| Product weight | 35 kg |

Environment

| | |
|---------------------------------------|------------------------------|
| standards | IEC 60947-1 IEC 60947-3 |
| product certifications | 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 |