



Main

| | |
|---|--|
| Device short name | Interpact INS40 |
| Switch-disconnector name | Interpact INS40 |
| Poles description | 3P |
| Network type | AC DC |
| Network frequency | 50/60 Hz |
| [Ie] rated operational current | AC-22A: 40 A AC 50/60 Hz 480 V NEMA AC-22A: 40 A AC 50/60 Hz 220/240 V AC-22A: 40 A AC 50/60 Hz 380/415 V AC-22A: 40 A AC 50/60 Hz 440/480 V AC-22A: 40 A AC 50/60 Hz 500 V AC-23A: 40 A AC 50/60 Hz 480 V NEMA AC-23A: 40 A AC 50/60 Hz 220/240 V AC-23A: 40 A AC 50/60 Hz 380/415 V AC-23A: 40 A AC 50/60 Hz 440/480 V AC-23A: 32 A AC 50/60 Hz 500 V DC-22A: 40 A DC 125 V 2 poles in series DC-23A: 40 A DC 125 V 2 poles in series |
| [Ui] rated insulation voltage | 690 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 8 kV |
| [Ith] conventional free air thermal current | 40 A (60 °C) |
| [Icm] rated short-circuit making capacity | 15 kA 500 V AC 50/60 Hz switch-disconnector alone 75 kA 500 V AC 50/60 Hz with upstream protection circuit breaker |
| [Ue] rated operational voltage | 125 V DC 500 V AC 50/60 Hz |
| Suitability for isolation | Yes |
| Contact position indicator | Yes |
| Visible break | No |
| Pollution degree | 3 |

Complementary

| | |
|-------------------------------|---|
| Control type | Red rotary handle |
| Mounting mode | Fixed |
| Mounting support | DIN rail Plate |
| Upside connection | Front |
| Downside connection | Front |
| Cable cross section | 1.5...50 mm ² |
| Maximum power | AC-23: 7.5 kW 230 V NEMA AC 50/60 Hz AC-23: 22 kW 480 V NEMA AC 50/60 Hz AC-23: 11 kW 220/240 V AC 50/60 Hz AC-23: 20 kW 380/415 V AC 50/60 Hz AC-23: 22 kW 440 V AC 50/60 Hz AC-23: 18.5 kW 500/525 V AC 50/60 Hz |
| Rated duty | Uninterrupted |
| Intermittent duty class | Class 120 - 60 % |
| Enclosure dimensions for Ithe | 190 mm x 115 mm x 55 mm |

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 | 0.05 kA (30 s) conforming to IEC 60947-3 0.067 kA (20 s) conforming to IEC 60947-3 1.73 kA (3 s) conforming to IEC 60947-3 3 kA (1 s) conforming to IEC 60947-3 |
| Mechanical durability | 20000 cycles |
| Electrical durability | AC-22A: 1500 cycles 220/240 V AC 50/60 Hz AC-22A: 1500 cycles 380/415 V AC 50/60 Hz AC-22A: 1500 cycles 440 V AC 50/60 Hz AC-22A: 1500 cycles 500 V AC 50/60 Hz AC-23A: 1500 cycles 220/240 V AC 50/60 Hz AC-23A: 1500 cycles 380/415 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 DC-22A: 1500 cycles 125 V DC 2 poles in series DC-23A: 1500 cycles 125 V DC 2 poles in series |
| Connection pitch | 18 mm |
| Height | 85 mm |
| Width | 90 mm |
| Depth | 62.5 mm |
| Product weight | 0.5 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 |
| RoHS EUR conformity date | 0815 |
| RoHS EUR status | Compliant |