



Glavno

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| Range of product | INS320...630 |
| Range | Compact |
| Device short name | INS500 |
| Product or component type | Changeover switch |
| Device application | Change source of supply |
| Range compatibility | Compact - Compact INS INS500 switch disconnecter |
| Poles description | 3P |
| Network type | AC DC |
| Network frequency | 50/60 Hz |
| Mounting mode | Fixed |
| Upside connection | Front |
| Downside connection | Front |
| Suitability for isolation | Yes |
| Contact position indicator | Yes |
| [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 |

Komplementarno

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| Transfer switch class | PC |
| Number of contact position | 3 |
| Control type | Direct front rotary handle |
| Mounting support | Plate Rail |
| Locking options description | Padlocking in OFF position |
| [Ie] rated operational current | AC-22A: 500 A AC 50/60 Hz 220/240 V DC-22A: 500 A DC 125 V 2 poles in series AC-22A: 500 A AC 50/60 Hz 380/415 V AC-23A: 500 A AC 50/60 Hz 220/240 V AC-23A: 500 A AC 50/60 Hz 660/690 V AC-22A: 500 A AC 50/60 Hz 480 V NEMA AC-23A: 500 A AC 50/60 Hz 380/415 V DC-23A: 500 A DC 125 V 2 poles in series AC-22A: 500 A AC 50/60 Hz 660/690 V AC-22A: 500 A AC 50/60 Hz 440/480 V AC-23A: 500 A AC 50/60 Hz 440/480 V AC-22A: 500 A AC 50/60 Hz 500/525 V AC-23A: 500 A AC 50/60 Hz 500/525 V AC-23A: 500 A AC 50/60 Hz 480 V NEMA |
| [Ith] conventional free air thermal current | 500 A (60 °C) |
| Rated duty | Uninterrupted |
| Intermittent duty class | Class 120 - 60 % |
| [Ui] rated insulation voltage | 750 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 8 kV |
| [Ue] rated operational voltage | 125 V DC conforming to IEC 60947-3 690 V AC 50/60 Hz conforming to IEC 60947-3 750 V AC 50/60 Hz conforming to IEC 60947-3 750 V DC conforming to IEC 60947-3 |
| Mechanical interlocking | With mechanical interlocking |
| Mechanical durability | 10000 cycles |
| Electrical durability | AC-22A: 1500 cycles 440 V AC 50/60 Hz |

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

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 125 V DC 2 poles in series

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| Connection pitch | 45 mm |
| [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 |
| Height | 205 mm |
| Width | 395 mm |
| Depth | 155 mm |
| Product weight | 13.5 kg |

Okolina

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|---------------------------------------|--------------------------------|
| standards | IEC 60947-1 IEC 60947-3 |
| product certifications | CCC KEMA-KEUR |
| electrical shock protection class | Class II |
| IP degree of protection | IP40 conforming to IEC 60947-3 |
| pollution degree | 3 |
| ambient air temperature for operation | -25...70 °C |
| ambient air temperature for storage | -50...85 °C |

Contractual warranty

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| Warranty period | 18 months |
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