



## Glavno

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	4P
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

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 DC-22A: 500 A DC 250 V 4 poles in series AC-23A: 500 A AC 50/60 Hz 480 V NEMA DC-23A: 500 A DC 250 V 4 poles in series
[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	250 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

Informacije dane u ovoj dokumentaciji sadrže opće opisne 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.  
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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 4 poles in series
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

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

Warranty period	18 months
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