

## 31337

učinski rastavljač Compact INS1600 – 1600 A – 4  
pola



### Glavno

Range	Compact
Product name	Compact INS
Product or component type	Switch disconnecter
Poles description	4P
Network type	AC DC
Network frequency	50/60 Hz
[Ie] rated operational current	AC-23A: 1250 A AC 50/60 Hz 220/240 V AC-23A: 1250 A AC 50/60 Hz 380/415 V AC-23A: 1250 A AC 50/60 Hz 440/480 V AC-23A: 1250 A AC 50/60 Hz 500/525 V AC-23A: 1250 A AC 50/60 Hz 660/690 V AC-21A: 1250 A AC 50/60 Hz 440/480 V AC-21B: 1600 A AC 50/60 Hz 380/415 V AC-22B: 1600 A AC 50/60 Hz 220/240 V AC-21A: 1450 A AC 50/60 Hz 380/415 V DC-21A: 1600 A DC 250 V 4 poles in series AC-22B: 1600 A AC 50/60 Hz 440/480 V AC-22A: 1250 A AC 50/60 Hz 480 V NEMA DC-23A: 1600 A DC 125 V 2 poles in series AC-21B: 1600 A AC 50/60 Hz 500/525 V AC-21A: 1250 A AC 50/60 Hz 660/690 V AC-22B: 1600 A AC 50/60 Hz 660/690 V AC-22A: 1450 A AC 50/60 Hz 220/240 V AC-22B: 1600 A AC 50/60 Hz 380/415 V AC-22A: 1250 A AC 50/60 Hz 440/480 V AC-21B: 1600 A AC 50/60 Hz 220/240 V DC-22A: 1600 A DC 125 V 2 poles in series DC-21A: 1600 A DC 125 V 2 poles in series AC-21B: 1600 A AC 50/60 Hz 440/480 V AC-23A: 1250 A AC 50/60 Hz 480 V NEMA AC-21A: 1250 A AC 50/60 Hz 480 V NEMA AC-22B: 1600 A AC 50/60 Hz 480 V NEMA AC-22A: 1250 A AC 50/60 Hz 500/525 V AC-22A: 1250 A AC 50/60 Hz 660/690 V DC-22A: 1600 A DC 250 V 4 poles in series AC-21B: 1600 A AC 50/60 Hz 480 V NEMA AC-21A: 1250 A AC 50/60 Hz 500/525 V AC-22B: 1600 A AC 50/60 Hz 500/525 V AC-21A: 1450 A AC 50/60 Hz 220/240 V AC-21B: 1600 A AC 50/60 Hz 660/690 V AC-22A: 1450 A AC 50/60 Hz 380/415 V DC-23A: 1600 A DC 250 V 4 poles in series
[Ui] rated insulation voltage	1000 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV
[Ith] conventional free air thermal current	1600 A ( 60 °C )
[Icm] rated short-circuit making capacity	75 kA 690 V AC 50/60 Hz switch-disconnector alone 75 kA 690 V AC 50/60 Hz with upstream protection circuit breaker
[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

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.

## Komplementarno

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: 400 kW 220/240 V AC 50/60 Hz AC-23: 900 kW 500/525 V AC 50/60 Hz AC-23: 710 kW 380/400 V AC 50/60 Hz AC-23: 800 kW 415 V AC 50/60 Hz
Rated duty	Uninterrupted
Intermittent duty class	Class 120 - 60 %
[Icw] rated short-time withstand current	10 kA ( 20 s ) conforming to IEC 60947-3 20 kA ( 3 s ) conforming to IEC 60947-3 35 kA ( 1 s ) conforming to IEC 60947-3 42 kA ( 0.8 s ) conforming to IEC 60947-3 50 kA ( 0.5 s ) conforming to IEC 60947-3 8 kA ( 30 s ) conforming to IEC 60947-3
Mechanical durability	3000 cycles
Electrical durability	DC-21A: 500 cycles 250 V DC 4 poles in series AC-21A: 500 cycles 220/240 V AC 50/60 Hz AC-21A: 500 cycles 380/415 V AC 50/60 Hz AC-21A: 500 cycles 440/480 V AC 50/60 Hz AC-21A: 500 cycles 480 V AC 50/60 Hz conforming to NEMA AC-21A: 500 cycles 500/525 V AC 50/60 Hz AC-21A: 500 cycles 660/690 V AC 50/60 Hz 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-22A: 500 cycles 220/240 V AC 50/60 Hz AC-22A: 500 cycles 380/415 V AC 50/60 Hz AC-22A: 500 cycles 440/480 V AC 50/60 Hz AC-22A: 500 cycles 480 V AC 50/60 Hz conforming to NEMA AC-22A: 500 cycles 500/525 V AC 50/60 Hz AC-22A: 500 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 AC-23B: 500 cycles 220/240 V AC 50/60 Hz AC-23B: 500 cycles 380/415 V AC 50/60 Hz AC-23B: 500 cycles 440/480 V AC 50/60 Hz AC-23B: 500 cycles 480 V AC 50/60 Hz conforming to NEMA AC-23B: 500 cycles 500/525 V AC 50/60 Hz AC-23B: 500 cycles 660/690 V AC 50/60 Hz DC-21A: 500 cycles 125 V DC 2 poles in series DC-22A: 500 cycles 125 V DC 2 poles in series DC-22A: 500 cycles 250 V DC 4 poles in series DC-23B: 500 cycles 125 V DC 2 poles in series DC-23B: 500 cycles 250 V DC 4 poles in series
Connection pitch	70 mm
Height	300 mm
Width	410 mm
Depth	146.5 mm
Product weight	18 kg

## Okolina

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

---

### Contractual warranty

---

Warranty period	18 months
-----------------	-----------

---