

## LV480751

Tijelo prekidača za osigurače ISFT – 3 pola 3 F –  
DIN NH000 – 100 A



### Glavno

Range of product	ISFT100N
Range	Fupact
Product name	Fupact ISFT
Device short name	ISFT100N
Product or component type	Fuse-switch disconnecter
Device application	Distribution Equipment protection, monitoring and control

### Komplementarno

Poles description	3P
Protected poles description	3f
Fuse type	DIN
Fuse size	NH000
Network type	AC DC
Network frequency	50/60 Hz
Control type	Fuse carriers handle
[Ith] conventional free air thermal current	100 A ( 40 °C ) power dissipation per fuse: 7.5 W 100 A ( 40 °C ) horizontal 100 A ( 40 °C ) vertical 70 A ( 70 °C ) horizontal 70 A ( 70 °C ) vertical 75 A ( 65 °C ) horizontal 75 A ( 65 °C ) vertical 80 A ( 60 °C ) horizontal 80 A ( 60 °C ) vertical 85 A ( 55 °C ) horizontal 85 A ( 55 °C ) vertical 90 A ( 50 °C ) horizontal 90 A ( 50 °C ) vertical 95 A ( 45 °C ) horizontal 95 A ( 45 °C ) vertical
[Ithe] conventional enclosed thermal current	100 A ( 40 °C ) / Power dissipation per fuse: 7.5 W
Rated duty	Uninterrupted
[Ui] rated insulation voltage	800 V AC 50/60 Hz 800 V DC
[Uimp] rated impulse withstand voltage	8 kV
[Ue] rated operational voltage	440 V DC 690 V AC 50/60 Hz 690 V AC 50/60 Hz AC-20 690 V DC DC-20
[Ie] rated operational current	100 A AC-21B 440/480 V AC 50/60 Hz 100 A AC-21B 500 V AC 50/60 Hz 100 A AC-21B 660/690 V AC 50/60 Hz 100 A AC-21B 220/240 V AC 50/60 Hz 100 A AC-21B 380/415 V AC 50/60 Hz 100 A AC-22B 220/240 V AC 50/60 Hz 100 A AC-22B 380/415 V AC 50/60 Hz 100 A AC-22B 440/480 V AC 50/60 Hz 100 A AC-22B 500 V AC 50/60 Hz 100 A AC-23B 220/240 V AC 50/60 Hz 100 A AC-23B 380/415 V AC 50/60 Hz 100 A DC-21B 125 V DC 3 poles in series 100 A DC-21B 220 V DC 3 poles in series 100 A DC-21B 440 V DC 3 poles in series

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 popunivu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog.  
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100 A DC-22B 125 V DC 3 poles in series  
 100 A DC-22B 220 V DC 3 poles in series  
 100 A DC-22B 440 V DC 3 poles in series

[Im] rated making and breaking capacity	Icm 105 kA 500 V Icm 105 kA 690 V Icm 176 kA 415 V Icn 50 kA 500 V Icn 50 kA 690 V Icn 80 kA 415 V
Suitability for isolation	Yes
Visible break	Yes
Contact operation	Single-break
Mechanical durability	2000 cycles
Electrical durability	300 cycles 690 V AC 50/60 Hz AC-21B 300 cycles 415 V AC 50/60 Hz AC-22B 300 cycles 415 V AC 50/60 Hz AC-23B
Electrical shock protection class	Class II front face
Provision for padlocking	Lead seal
Cable entry	Top
Mounting support	DIN rail with specific accessories Busbars
Mounting support	Busbars
Mounting location	Side by side
Design	Horizontal design
Connections terminals	Hook-on and screw clamp terminals
Connections - terminals	Hook-on upstream 100 A busbar 60 mm Screw clamp terminals downstream 100 A cable 2.5...50 mm <sup>2</sup>
Tightening torque	Terminal : 4.5 N.m

## Okolina

height	216 mm
width	53 mm
depth	82 mm
standards	EN/IEC 60947-1 EN/IEC 60947-3 IEC 60269-2
product certifications	CCC CE EAC
IP degree of protection	IP3x conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
pollution degree	3 conforming to IEC 60947
ambient air temperature for operation	-25...70 °C
ambient air temperature for storage	-50...85 °C

## Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 0627 - Schneider Electric declaration of conformity	Compliant - since 0627 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold