



### Main

Range of product	ISFL250...630
Range	Fupact
Product name	Fupact ISFL
Device short name	ISFL630
Product or component type	Fuse-switch disconnecter
Device application	Protection
Signalling function	Separated fuse monitor

### Complementary

Poles description	1 x 3P switchable
Protected poles description	1 x 3f
Fuse type	DIN
Fuse size	NH3
Network type	AC DC
Network frequency	50/60 Hz
Control type	Fuse carriers handle
Mounting support	Busbars
[Ie] rated operational current	AC-21B : 630 A AC 50/60 Hz 220/240 V AC-21B : 630 A AC 50/60 Hz 380/415 V AC-21B : 630 A AC 50/60 Hz 440/480 V AC-21B : 630 A AC 50/60 Hz 500 V AC-21B : 630 A AC 50/60 Hz 660/690 V AC-22B : 630 A AC 50/60 Hz 220/240 V AC-22B : 630 A AC 50/60 Hz 380/415 V
[Ith] conventional free air thermal current	441 A ( 70 °C ) vertical 473 A ( 65 °C ) vertical 504 A ( 60 °C ) vertical 536 A ( 55 °C ) vertical 567 A ( 50 °C ) vertical 599 A ( 45 °C ) vertical 630 A ( 40 °C ) power dissipation per fuse: 48 W 630 A ( 40 °C ) vertical
[Ithe] conventional enclosed thermal current	630 A ( 40 °C ) / Power dissipation per fuse: 48 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 800 V AC 50/60 Hz AC-20 800 V DC DC-20
[Im] rated making and breaking capacity	Icm 105 A 415 V Icm 105 A 500 V Icm 105 A 690 V Icn 50 A 415 V Icn 50 A 500 V Icn 50 A 690 V
Suitability for isolation	Yes
Visible break	Yes
Contact operation	Single-break

## Environment

Mechanical durability	1000 cycles
Electrical durability	AC-21B : 200 cycles 690 V AC 50/60 Hz AC-22B : 200 cycles 415 V AC 50/60 Hz
Design	Vertical design
Tightening torque	40 N.m
Height	755 mm
Width	100 mm
Depth	192 mm
Standards	EN/IEC 60947-1 EN/IEC 60947-3 IEC 60269-2-1
Product certifications	KEMA-KEUR
IP degree of protection	IP20 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
Compatibility code	ISFL250...630

## Contractual warranty

Warranty period	18 months
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Product Life Status	END-OF-SALE NOTICE
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