



Main

Range	FuPact
Product name	Fupact ISFL
Product or component type	Fuse-switch disconnector
Device application	Protection
Signalling function	Integrated fuse monitor

Complementary

Poles description	1 x 3P switchable
Protected poles description	1 x 3f
Fuse type	DIN
Fuse size	NH3
Network type	AC
Network frequency	50/60 Hz
Control type	Fuse carriers handle
Provision for padlocking	Padlockable
Mounting support	Busbars
Mounting mode	Vertical
Mounting location	One above the other
[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 AC-22B: 630 A AC 50/60 Hz 440/480 V AC-22B: 630 A AC 50/60 Hz 500 V AC-23B: 630 A AC 50/60 Hz 220/240 V AC-23B: 630 A AC 50/60 Hz 380/415 V
[Ith] conventional free air thermal current	630 A (40 °C) power dissipation per fuse: 48 W 473 A (70 °C) vertical 504 A (65 °C) vertical 536 A (60 °C) vertical 567 A (55 °C) vertical 599 A (50 °C) vertical 630 A (45 °C) vertical
[Ithe] conventional enclosed thermal current	630 A at 40 °C, Power dissipation per fuse: 48 Wvertical
Rated duty	Uninterrupted
[Ui] rated insulation voltage	800 V AC 50/60 Hz conforming to EN 60947-3
[Uimp] rated impulse withstand voltage	12 kV conforming to IEC 947-3
[Ue] rated operational voltage	690 V AC 50/60 Hz 800 V AC 50/60 Hz AC-20

[Im] rated making and breaking capacity	Icn 100 A at 690 V Icm 250 A at 415 V Icm 250 A at 500 V Icm 250 A at 690 V Icn 120 A at 415 V Icn 120 A at 500 V
Suitability for isolation	Yes
Contact position indicator	No
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 500 V AC 50/60 Hz AC-23B: 200 cycles 415 V AC 50/60 Hz
Electrical shock protection class	Class II front face
Design	Vertical design
Connections terminals	Direct connection and screw connection
Connections - terminals	Screw connection downstream M12 630 A Direct connection upstream 630 A 185 mm
Tightening torque	40 N.m
Height	672 mm
Width	100 mm
Depth	123 mm
Standards	EN/IEC 60947-1 IEC 60269-2-1 EN/IEC 60947-3
Product certifications	CCC
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

Packing Units

Package 1 Weight	6.127 kg
Package 1 Height	1.140 dm
Package 1 width	2.380 dm
Package 1 Length	7.930 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile

Contractual warranty

Warranty	18 months
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