



### Main

Range of product	INF100...160
Range	Fupact
Product name	Fupact INF
Device short name	INF4160
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	4P
Protected poles description	4f
Fuse type	DIN
Fuse size	NH000 NH00
Network type	DC AC
Network frequency	50/60 Hz

### Complementary

Control type	Without handle
Rotary handle mounting location	Lateral
Rotary handle mounting style	Extended
Mounting support	Mounting plate DIN rail with specific accessories

[Ie] rated operational current	DC-22A : 160 A DC 125 V 2 poles in series AC-22A : 160 A AC 50/60 Hz 440/480 V AC-22A : 160 A AC 50/60 Hz 660/690 V AC-22A : 160 A AC 50/60 Hz 220/240 V AC-22A : 160 A AC 50/60 Hz 380/415 V AC-23A : 160 A AC 50/60 Hz 440/480 V AC-23A : 160 A AC 50/60 Hz 380/415 V AC-22A : 160 A AC 50/60 Hz 500/525 V AC-23A : 160 A AC 50/60 Hz 500/525 V AC-23A : 160 A AC 50/60 Hz 220/240 V DC-23A : 160 A DC 250 V 2 poles in series DC-23A : 160 A DC 125 V 2 poles in series DC-23A : 100 A DC 500 V 4 poles in series DC-22A : 160 A DC 250 V 2 poles in series DC-22A : 100 A DC 500 V 4 poles in series AC-23B : 160 A AC 50/60 Hz 660/690 V
--------------------------------	--

[Ith] conventional free air thermal current	103 A ( 70 °C ) horizontal 111 A ( 65 °C ) horizontal 112 A ( 70 °C ) vertical 118 A ( 60 °C ) horizontal 120 A ( 65 °C ) vertical 126 A ( 55 °C ) horizontal 128 A ( 60 °C ) vertical 133 A ( 50 °C ) horizontal 136 A ( 55 °C ) vertical 140 A ( 45 °C ) horizontal 144 A ( 50 °C ) vertical 148 A ( 40 °C ) horizontal 152 A ( 45 °C ) vertical 156 A ( 35 °C ) horizontal 160 A ( 40 °C ) power dissipation per fuse: 12 W 160 A ( 40 °C ) vertical
[Ithe] conventional enclosed thermal current	135 A ( 40 °C ) / Power dissipation per fuse: 12 W 300 mm x 350 mm x 200 mm 160 A ( 40 °C ) / Power dissipation per fuse: 10 W 300 mm x 350 mm x 200 mm
Maximum power	110 kW 500/525 V AC 50/60 Hz 132 kW 660/690 V AC 50/60 Hz 45 kW 220/240 V AC 50/60 Hz 80 kW 380/400 V AC 50/60 Hz 90 kW 415 V AC 50/60 Hz
Rated duty	Uninterrupted
Intermittent duty class	Class 120 - 60 %
[Ui] rated insulation voltage	1000 V AC 50/60 Hz 1000 V DC
[Uimp] rated impulse withstand voltage	12 kV
[Ue] rated operational voltage	500 V DC 690 V AC 50/60 Hz 690 V AC 50/60 Hz AC-20 690 V DC DC-20
[Im] rated making and breaking capacity	Icm 105 kA conforming to DIN 690 V with fuse Icm 15 kA 690 V without fuse Icm 176 kA conforming to BS 415 V with fuse Icm 22 kA 415 V without fuse Icm 22 kA 500 V without fuse Icm 220 kA conforming to DIN 500 V with fuse Icn 100 kA conforming to DIN 500 V with fuse Icn 50 kA conforming to DIN 690 V with fuse Icn 80 kA conforming to BS 415 V with fuse
Suitability for isolation	Yes
Contact position indicator	Yes
Contact operation	Double-break

## Environment

Mechanical durability	10000 cycles
Electrical durability	AC-22A : 1500 cycles 500 V AC 50/60 Hz AC-22A : 1500 cycles 690 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
[Icw] rated short-time withstand current	5 kA ( 1 s ) 0.95 kA ( 30 s ) 1.15 kA ( 20 s ) 2.9 kA ( 3 s )
Design	Horizontal design
Tightening torque	Terminal : 15...22 N.m
Height	140 mm
Width	215 mm
Depth	130 mm
Standards	EN/IEC 60947-3 EN/IEC 60269-4 EN/IEC 60947-5 EN/IEC 60947-1 EN/IEC 60269-1

Product certifications	KEMA-KEUR
IP degree of protection	IP20 conforming to IEC 60529 IP65 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102 IK10 conforming to EN 50102
Pollution degree	3
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C
Compatibility code	INF100...160

### Contractual warranty

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

Product Life Status	END-OF-SALE NOTICE
---------------------	--------------------

49546