Product data sheet
Characteristics

49840
fuse switch disconnector body ISFL 3P 3 F - DIN NH - 160 A



Discontinued

49840 has not been replaced. Please contact your customer care center for more information.

Main

Range	Fupact
Product name	Fupact ISFL
Product or component type	Fuse-switch disconnector
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	NH00 NH000
Network type	AC DC
Network frequency	50/60 Hz
Control type	Fuse carriers handle
Mounting support	Busbars
[Ie] rated operational current	AC-21B : 100 A AC 50/60 Hz 660/690 V AC-21B : 160 A AC 50/60 Hz 220/240 V AC-21B : 160 A AC 50/60 Hz 380/415 V AC-22B : 160 A AC 50/60 Hz 220/240 V AC-22B : 160 A AC 50/60 Hz 380/415 V AC-21B : 160 A AC 50/60 Hz 440/480 V AC-21B : 160 A AC 50/60 Hz 500 V
[Ith] conventional free air thermal current	112 A (70 °C) horizontal 112 A (70 °C) vertical 120 A (65 °C) horizontal 120 A (65 °C) vertical 128 A (60 °C) horizontal 128 A (60 °C) vertical 136 A (55 °C) horizontal 136 A (55 °C) vertical 144 A (50 °C) horizontal 144 A (50 °C) vertical 152 A (45 °C) horizontal 152 A (45 °C) vertical 160 A (40 °C) power dissipation per fuse: 12 W 160 A (40 °C) horizontal

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

	160 A (40 °C) vertical
[Ithe] conventional enclosed thermal current	160 A (40 °C) / Power dissipation per fuse: 12 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	1600 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	14 N.m
Height	456 mm
Width	50 mm
Depth	159 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

Contractual warranty

Warranty period	18 months