Product datasheet

Specifications

Fuse carrier TeSys DF, 3P+N 25A, fuse size 8.5x32 mm

Local distributor code: 393394041 DF83N

EAN Code : 3389119407144

Main

Range	TeSys
Product name	TeSys DF
Product or component type	Fuse carrier
Device short name	DF8
Device composition	tubular link for locked in Neutral pole
Product compatibility	DF2BA fuse cartridge DF2BN fuse cartridge
Poles description	3P + N
Fuse size	8.3 x 31.5 mm
Fuse type	, aM , gG
Control type	Toggle padlockable
Utilisation category	AC-20B conforming to IEC 60947-3
[Ue] rated operational voltage	400 V AC
[Ie] rated operational current	25 A at 400 V AC
[Ith] conventional free air thermal current	25 A 20 °C
[Ui] rated insulation voltage	500 V AC
[Uimp] rated impulse withstand voltage	6 kV
Overvoltage category	III
Short-circuit withstand	20 kA 400 V conforming to IEC 60947-3
Power dissipation in W	2.5 W maximum power dissipation by fuse

Complementary

Standards	EN/IEC 60947-3 EN/IEC 60269-2
Product certifications	IEC EAC DNV-GL
Mounting support	35 mm symmetrical DIN rail
Mounting position	Vertical (tolerance: +/- 23°)
Connections - terminals	Screw clamp terminals 1 cable(s) 1…16 mm²rigid Screw clamp terminals 2 cable(s) 1…6 mm²rigid

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

	Screw clamp terminals 1 cable(s) 1…16 mm²flexible with or without Screw clamp terminals 2 cable(s) 1…6 mm²flexible with or without
Tightening torque	2.2 N.m - with screwdriver PZ2 2.2 N.m - with screwdriver flat Ø 5.5 mm
Height	79.5 mm
Width	70 mm
Depth	61 mm
Net weight	0.171 kg
Quantity per set	Set of 3

Environment

Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-40…70 °C with derating above 20°C
Operating altitude	0...2000 m without derating
IP degree of protection	IP20
Pollution degree	3
Fire resistance	960 °C conforming to IEC 60695-2-1
Compatibility code	DF8

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8 cm
Package 1 Width	6.2 cm
Package 1 Length	7 cm
Package 1 Weight	180 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	6.8 cm
Package 2 Width	8.5 cm
Package 2 Length	22.2 cm
Package 2 Weight	576 g
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	9.716 kg

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
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months

Recommended replacement(s)