Product datasheet





Fuse carrier, TeSys DF, 2P, 25A, 400VAC, fuse size 8.5x31.5mm

DF82

Main

Range	TeSys	
Product name	TeSys DF	
product or component type	Fuse carrier	
Device short name	DF8	
Product compatibility	DF2BA fuse cartridge DF2BN fuse cartridge	
poles description 2P		
Fuse size	8.3 x 31.5 mm	
Fuse type	, gG , aM	
Control type	Toggle padlockable	
Utilisation category	AC-20B conforming to IEC 60947-3	
[Ue] rated operational voltage	400 V AC	
[le] rated operational current	ent 25 A at 400 V AC	
[Ith] conventional free air thermal current	mal 25 A 20 °C	
[Ui] rated insulation voltage	500 V AC	
[Uimp] rated impulse withstand voltage	hstand 6 kV	
Overvoltage category	III	
Short-circuit withstand	rcuit 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	
Otandards	EN/IEC 60269-2	
	EN/IEC 00209-2	
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) 116 mm²rigid	
	Screw clamp terminals 2 cable(s) 16 mm²rigid	
	Screw clamp terminals 1 cable(s) 116 mm²flexible with or without	
	Screw clamp terminals 2 cable(s) 16 mm²flexible with or without	
Tightening torque	2.2 N.m - with screwdriver PZ2	
	2.2 N.m - with screwdriver flat Ø 5.5 mm	

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Height	79.5 mm
Width	35 mm
Depth	61 mm
net weight	0.085 kg
Quantity per set	Set of 6

Environment

Ambient air temperature for storage	-4070 °C	
Ambient air temperature for operation	-4070 °C with derating above 20°C	
Operating altitude	02000 m without derating	
IP degree of protection	IP20	
Pollution degree	e 3	
Fire resistance	istance 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	8.000 cm	
Package 1 Width	3.500 cm	
Package 1 Length	6.100 cm	
Package 1 Weight	88.000 g	
Unit Type of Package 2	BB1	
Number of Units in Package 2	6	
Package 2 Height	6.800 cm	
Package 2 Width	8.500 cm	
Package 2 Length	22.200 cm	
Package 2 Weight	565.000 g	
Unit Type of Package 3	S03	
Number of Units in Package 3	96	
Package 3 Height	30.000 cm	
Package 3 Width	30.000 cm	
Package 3 Length	40.000 cm	
Package 3 Weight	9.499 kg	

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance

Ø	Reach Free Of Svhc	
⊘	Toxic Heavy Metal Free	
⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant
	EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
	Pro-active China RoHS declaration (out of China RoHS legal scope)
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
Circularity Profile	No need of specific recycling operations
	Circularity Profile