



SFB125

1-pole, 25A Centre Off Modular Changeover Switch with Bottom Common Point

Technical properties

Architecture

Number of poles	1 P
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Configuration

Number of modules	1
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Main electrical features

Rated operational voltage Ue	230 V
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Frequency	50/60 Hz
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Voltage

Rated insulation voltage	440 V
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Type of voltage input 1	AC
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Rated impulse withstand voltage	4000 V
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Electric current

Rated operational current in AC21category B	25 A
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Acceptable current rating with AC22 category A	25 A
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Rated current	25 A
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Rated short-time withstand current 1s	0.375 kA
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Thermal rated current outside of housings	25 A
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Rated operational current in AC21 category A	25 A
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Acceptable current rating with AC22 category B	25 A
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Dimensions

Depth of installed product	70 mm
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Height of installed product	83 mm
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Width of installed product	17.5 mm
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Frequency

Frequency	50 to 60 Hz
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Power

Total power loss under IN	0.9 W
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Power loss per pole at In	0.9 W
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Endurance

Electrical durability at nominal load in AC21in operating cycles	25000
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Electrical durability at nominal load in AC22 in operating cycles	25000
Number of mechanical operations	200000
Installation, mounting	
Tightening torque	1,8Nm
Connection	
Cage clamp position	off set
Type of connection	with screw
Equipment	
Quantity of NC contacts	0
Quantity of NO contacts	0
Quantity of INV contacts	1
Standards	
Standard text	IEC 60947-3 ; IEC/EN 60669-1
European directive WEEE	not concerned
Safety	
Protection index IP	IP20
Use conditions	
Operating temperature	-20...50 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Storage/transport temperature	-40...80 °C