

Products → Low Voltage Products and Systems → Control Products → Contactors → Thermal Overload Relays Accessories

### General Information

<b>Extended Product Type:</b>	DB42
<b>Product ID:</b>	1SAZ701902R0001
<b>EAN:</b>	4013614407826
<b>Catalog Description:</b>	DB42 Single Mounting Kit
<b>Long Description:</b>	DB42 Single Mounting Kit for TF42

### Ordering

<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85389099

### Popular Downloads

<b>Data Sheet, Technical Information:</b>	1SBC100173C0201
<b>Dimension Diagram:</b>	1SAZ700410F0001

### Dimensions

<b>Product Net Width:</b>	108 mm
<b>Product Net Height:</b>	50 mm
<b>Product Net Depth:</b>	102 mm
<b>Product Net Weight:</b>	0.087 kg

### Technical

<b>Rated Operational Voltage:</b>	Main Circuit 690 V AC
<b>Rated Operational Current (<math>I_e</math>):</b>	40 A
<b>Rated Operational Current AC-3 (<math>I_e</math>):</b>	40 A
<b>Rated Frequency (f):</b>	Main Circuit 50 Hz Main Circuit 60 Hz
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	Main Circuit 6 kV Auxiliary Circuit 6 kV
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	690 V
<b>Number of Poles:</b>	3
<b>Degree of Protection:</b>	IP20
<b>Pollution Degree:</b>	3
<b>Connecting Capacity Main Circuit:</b>	Rigid 1x 0.75 ... 2.5 mm <sup>2</sup> Flexible with Ferrule 1x 0.75 ... 10 mm <sup>2</sup> Flexible with Insulated Ferrule 1x 0.75 ... 10 mm <sup>2</sup> Flexible 1x 0.75 ... 10 mm <sup>2</sup>
<b>Tightening Torque:</b>	Main Circuit 1.5 ... 2.7 N·m
<b>Wire Stripping Length:</b>	Main Circuit 12 mm
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting Position:</b>	Position 1 to 5
<b>Suitable For:</b>	TF42
<b>Standards:</b>	IEC/EN 60947-1 IEC/EN 60947-4-1 UL 508 CSA 22.2 No. 14

### Environmental

<b>Resistance to Shock acc. to IEC 60068-2-27:</b>	11 ms Pulse 25g
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<b>Resistance to Vibrations acc. to IEC 60068-2-6:</b>	5g / 3 ... 150 Hz
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<b>RoHS Status:</b>	Following EU Directive 2011/65/EU
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#### Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 600 V AC
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<b>Ampere Rating UL/CSA:</b>	40 A
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<b>Connecting Capacity Main Circuit UL/CSA:</b>	Stranded 1x 18 ... 6 AWG Flexible 1x 18 ... 6 AWG
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<b>Tightening Torque UL/CSA:</b>	Main Circuit 13 ... 22 in·lb
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#### Certificates and Declarations (Document Number)

<b>ABS Certificate:</b>	No Certificate Needed
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<b>cUL Certificate:</b>	cUL_E48139
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<b>Declaration of Conformity - CE:</b>	1SAD938508-0181
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<b>DNV Certificate:</b>	No Certificate Needed
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<b>GL Certificate:</b>	No Certificate Needed
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<b>GOST Certificate:</b>	1SAA941000-2704
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<b>Instructions and Manuals:</b>	2CDC106025M6802
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<b>LR Certificate:</b>	No Certificate Needed
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<b>RINA Certificate:</b>	No Certificate Needed
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<b>RMRS Certificate:</b>	No Certificate Needed
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<b>RoHS Information:</b>	1SAD938508-0181
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<b>UL Certificate:</b>	UL_E48139
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#### Container Information

<b>Package Level 1 Units:</b>	1 piece
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<b>Package Level 1 Width:</b>	108 mm
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<b>Package Level 1 Height:</b>	50 mm
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<b>Package Level 1 Length:</b>	102 mm
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<b>Package Level 1 Gross Weight:</b>	0.12 kg
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<b>Package Level 1 EAN:</b>	4013614407826
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<b>Package Level 2 Units:</b>	84 piece
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<b>Package Level 2 Width:</b>	405 mm
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<b>Package Level 2 Height:</b>	360 mm
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<b>Package Level 2 Length:</b>	380 mm
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<b>Package Level 2 Gross Weight:</b>	73.08 kg
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<b>Package Level 2 EAN:</b>	4013614480010
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#### Classifications

<b>E-nummer:</b>	3210002
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<b>ETIM 4:</b>	EC002498 - Accessories for low-voltage switch technology
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<b>ETIM 5:</b>	EC002498 - Accessories for low-voltage switch technology
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<b>ETIM 6:</b>	EC002498 - Accessories for low-voltage switch technology
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<b>eClass:</b>	7.0 27379201
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