

# DB42

## General Information

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<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

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## Categories

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

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## Ordering

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<b>EAN:</b>	4013614407826
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85389099

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## Dimensions

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<b>Product Net Width:</b>	108.0 mm
<b>Product Net Height:</b>	50.0 mm
<b>Product Net Depth:</b>	102.0 mm
<b>Product Net Weight:</b>	0.087 kg

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## Container Information

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<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	108.0 mm
<b>Package Level 1 Height:</b>	50.0 mm
<b>Package Level 1 Length:</b>	102.0 mm
<b>Package Level 1 Gross Weight:</b>	0.12 kg
<b>Package Level 2 Units:</b>	84 piece
<b>Package Level 2 Width:</b>	405.0 mm
<b>Package Level 2 Height:</b>	360 mm
<b>Package Level 2 Length:</b>	380.0 mm
<b>Package Level 2 Gross Weight:</b>	73.08 kg
<b>Package Level 2 EAN:</b>	4013614480010

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## Technical

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<b>Rated Operational Voltage:</b>	Main Circuit 690 V AC
<b>Rated Operational Current (I<sub>e</sub>):</b>	40 A
<b>Rated Operational Current AC-3 (I<sub>e</sub>):</b>	40 A
<b>Rated Frequency (f):</b>	Main Circuit 50 Hz

	Main Circuit 60 Hz
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	Main Circuit 6 kV Auxiliary Circuit 6 kV
<b>Rated Insulation Voltage (U<sub>i</sub>):</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
<b>Resistance to Vibrations acc. to IEC 60068-2-6:</b>	5g / 3 ... 150 Hz
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Technical UL/CSA

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

## Certificates and Declarations (Document Number)

<b>ABS Certificate:</b>	No Certificate Needed
<b>cUL Certificate:</b>	cUL_E48139
<b>Declaration of Conformity - CE:</b>	1SAD938504-0181
<b>DNV Certificate:</b>	No Certificate Needed
<b>GL Certificate:</b>	No Certificate Needed
<b>GOST Certificate:</b>	1SAA941000-2704
<b>LR Certificate:</b>	No Certificate Needed
<b>RINA Certificate:</b>	No Certificate Needed
<b>RMRS Certificate:</b>	No Certificate Needed
<b>RoHS Information:</b>	1SAA941006-4402

UL Certificate:

UL\_E48139

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## Classifications

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E-nummer:

3210002

ETIM 4.0:

EC002498 - Accessories for low-voltage switch technology

ETIM 5.0:

EC002498 - Accessories for low-voltage switch technology

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