



PRODUCT-DETAILS

# DB42

## DB42 Single Mounting Kit



General Information	
Extended Product Type	DB42
Product ID	1SAZ701902R0001
EAN	4013614407826
Catalog Description	DB42 Single Mounting Kit
Long Description	The DB42 single mounting kit allows the installation of TF42 thermal overload relays without a contactor on a DIN rail or mounting plate.

Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85389099

Popular Downloads	
Data Sheet, Technical Information	1SBC100214C0202
Instructions and Manuals	2CDC106025M6802

Instructions and Manuals (Part 2)	1SAC200017M0002
CAD Dimensional Drawing	2CDC001079B0201
Dimension Diagram	1SAZ700410F0001

## Dimensions

Product Net Width	50 mm
Product Net Height	102 mm
Product Net Depth / Length	108 mm
Product Net Weight	0.087 kg

## Technical

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

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC
Connecting Capacity Main Circuit UL/CSA	Flexible 1x 18-6 AWG Stranded 1x 18-6 AWG
Tightening Torque UL/CSA	Main Circuit 13 ... 22 in·lb

Environmental	
Resistance to Shock acc. to IEC 60068-2-27	11 ms Pulse 25g
Resistance to Vibrations	5g 3 ... 150 Hz
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	2CMT2023-006525

Material Compliance	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS Information	2CMT2021-006277
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations	
ABS Certificate	No Certificate Needed
Declaration of Conformity - CE	1SAD101100-3504
Declaration of Conformity - UKCA	1SAD201100-3504
DNV Certificate	No Certificate Needed
GL Certificate	No Certificate Needed
LR Certificate	No Certificate Needed
RINA Certificate	No Certificate Needed
RMRS Certificate	No Certificate Needed
UL Certificate	E48139-20090126

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	108 mm
Package Level 1 Height	50 mm
Package Level 1 Depth / Length	102 mm
Package Level 1 Gross Weight	0.12 kg
Package Level 1 EAN	4013614407826
Package Level 2 Units	84 piece
Package Level 2 Width	405 mm
Package Level 2 Height	360 mm
Package Level 2 Depth / Length	380 mm
Package Level 2 Gross Weight	10.5 kg
Package Level 2 EAN	4013614480010

External Classifications and Standards	
Object Classification	Q

Code	
ETIM 4	EC002498 - Accessories for low-voltage switch technology
ETIM 5	EC002498 - Accessories for low-voltage switch technology
ETIM 6	EC002498 - Accessories for low-voltage switch technology
ETIM 7	EC002498 - Accessories for low-voltage switch technology
ETIM 8	EC002498 - Accessories/spare parts for low-voltage switch technology
eClass	V11.0 : 27371392
UNSPSC	31162313
IDEA Granular Category Code (IGCC)	2988 >> Mounting kits
E-Number (Finland)	3707472
E-Number (Norway)	4116785
E-Number (Sweden)	3210002

Where Used (as part of "kit")		
Identifier	Description	Type
3BHB047970R0100		Kit
3BHB047970R0101		Kit
3BHB047970R0102		Kit
3BHB047970R0103		Kit
3BHB047970R0104		Kit
3BHB047970R0105		Kit
3BHB047970R0106		Kit
3BHB047970R0107		Kit

### Categories

Low Voltage Products and Systems → Control Products → Contactors → Thermal Overload Relays  
Drives → Services → Spares and Consumables → Parts

