PRODUCT-DETAILS

VE5-1

VE5-1 Mechanical and Electrical Interlock Unit



General Information

Extended Product Type	VE5-1
Product ID	1SBN030110R1000
EAN	3471522121370
Catalog Description	VE5-1 Mechanical and Electrical Interlock Unit
Long Description	VE5-1 is a mechanical and electrical interlock unit used for the mechanical and electrical interlocking of two contactors of the A contactor serie, in the case, e.g. of reversing contactors, changeover contactors or star-delta starters. VE5-1 includes 2 built-in N.C. interlocking contacts allowing to create the electrical interlocking with wiring to the respective contactor's coils.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85389099

Popular Downloads

Data Sheet, Technical Information	1SBC100214C0202
Instructions and Manuals	FPTC407718P0001

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CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	15 mm
Product Net Depth / Length	70 mm
Product Net Height	68 mm
Product Net Weight	0.076 kg

Technical

Number of Auxiliary Contacts NC	2
Standards	IEC/EN 60947-5-1, UL 60947-1, UL 60947-5-1, CSA C22.2 No. 60947-1-13, CSA C22.2 No. 60947-5-1-14
Rated Operational Voltage	Auxiliary Circuit 690 V
Rated Frequency (f)	Auxiliary Circuit 50 / 60 Hz
Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-5-1, Θ = 40 °C 16 A
Rated Operational Current AC-15 (I_e)	(500 V) 2 A (690 V) 2 A (24 / 127 V) 6 A (220 / 240 V) 4 A (380 / 400 V) 3 A
Short-Circuit Protective Devices	Auxiliary Circuit - gG Type Fuses 10 A
Rated Operational Current DC-13 (I_e)	(24 V) 6 A (48 V) 2.8 A (72 V) 1 A (125 V) 0.55 A (250 V) 0.3 A
Rated Insulation Voltage (U_i)	acc. to IEC 60947-5-1 690 V acc. to UL/CSA 600 V
Mechanical Durability	5 million
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20
Terminal Type	Screw Terminals
Suitable For	A9 A12 A16 A26 A30 A40 AL9 AL9Z AL12 AL12Z AL16 AL16Z AL26 AL30 AL40 TAL9 TAL12 TAL16 TAL26 TAL30 TAL40 AX06 AX09 AX12 AX18 AX25 AX32 AX40

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Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS Information	2CMT2021-006277
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

CB Certificate	CB_CN_37804
CCC Certificate	CCC_2016010304881659
CQC Certificate	CQC2016010304881659
Declaration of Conformity - CCC	2020970304002733
Declaration of Conformity - CE	1SBD250814U1000
Declaration of Conformity - UKCA	1SBD250831U1000
GOST Certificate	GOST_POCCFRME77B07175
RINA Certificate	RINA_ELE172319XG001
UL Certificate	UL_20160418-E252354_5_5

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	100 mm
Package Level 1 Depth / Length	105.5 mm
Package Level 1 Height	26 mm
Package Level 1 Gross Weight	0.076 kg
Package Level 1 EAN	3471522121370
Package Level 2 Units	bag 90 piece
Package Level 2 Gross Weight	6.84 kg

Classifications

ETIM 7	EC001044 - Mechanic interlock for switch
ETIM 8	EC001044 - Mechanic interlock for switch
ETIM 9	EC001044 - Mechanic interlock for switch
eClass	V11.0 : 27371303
UNSPSC	39122221
IDEA Granular Category Code (IGCC)	5219 >> Switch part or accessory
E-Number (Finland)	3709234

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Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors



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