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	1SBC100214C0202

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Information	
Instructions and Manuals	FPTC407718P0001
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
Number of Poles	2P
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
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
Short-Circuit Protective Devices	Auxiliary Circuit - gG Type Fuses 10 A
Rated Insulation Voltage (U_i)	acc. to IEC 60947-5-1 690 V acc. to UL/CSA 600 V
Mechanical Durability	5 million
Power Loss	at Rated Operating Conditions per Pole 0.1 W
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

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	TAL16 TAL26 TAL30 TAL40 AX06 AX09 AX12 AX18 AX25 AX32 AX40
Product Name	Mechanical and Electrical Interlock Unit

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS Declaration	2CMT2021-006277
RoHS Information	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

External Classifications and Standards

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

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UNSPSC	39122221
IDEA Granular Category Code (IGCC)	5219 >> Switch part or accessory
E-Number (Finland)	3709234

Categories

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



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