

PRODUCT-DETAILS

VI150-FBP.0

VI150-FBP.0 Voltage-Module for UMC100 Use in grounded networks, Ue 150-690V AC



General Information

Extended Product Type	VI150-FBP.0
Product ID	1SAJ650000R0100
EAN	4016779837200
Catalog Description	VI150-FBP.0 Voltage-Module for UMC100 Use in grounded networks, Ue 150-690V AC
Long Description	Voltage expansion module for UMC100. Usage for grounded networks (TN) only. With this module the UMC100 provides voltage and power based supervision. Available process data: line to line voltage, power, energy, cosphi, THD (total harmonic distortion)

Technical

Standards	CAN/CSA C22.2 No.14 IEC/EN 60947-1 IEC/EN 60947-5-1 IEC/EN 61131-2 UL 508
Product Name	Voltage Module
Type of Low Voltage Distribution System	TN
Suitable For	UMC100-FBP UMC100.3
Suitable for Isolation	No
Suitable for Product Class	Universal Motor Controllers
Rated Operational Voltage	Main Circuit 690 V AC Auxiliary Circuit 12 ... 250 V AC/DC
Rated Insulation Voltage (U _i)	690 V

Rated Control Supply Voltage (U_s)	24 V DC
Rated Impulse Withstand Voltage (U_{imp})	Main Circuit 8 kV Auxiliary Circuit 4 kV
Input Voltage Type	AC
Rated Operational Current AC-15 (I_a)	(240 V) 1.5 A
Rated Frequency (f)	Main Circuit 50 / 60 Hz
Power Loss	Approximately 0.6 W
Number of Poles	3
Number of Digital Output Relays	1
Tightening Torque	Auxiliary Circuit 0.22 N·m Control Circuit 0.6 ... 0.8 N·m
Phase Loss Sensitive	Yes
Mounting on DIN Rail	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
Mounting Position	Any
Recommended Screw Driver	Pozidriv 1
Analog Inputs	3
Connecting Capacity	1x 0.75-2.5 mm ²
Wire Stripping Length	7 mm
Terminal Type	Screw Terminals

Environmental

Ambient Air Temperature	Storage -25 ... +70 °C Operation 0 ... +60 °C
Degree of Protection	IP20
Pollution Degree	3
Resistance to Vibrations acc. to IEC 60068-2-6	5g / 3 ... 150 Hz
Resistance to Shock acc. to IEC 60068-2-27	11 ms Pulse 150 m/s ²
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC
Connecting Capacity UL/CSA	Flexible with Ferrule 1x 18-14 AWG Flexible 1x 18-14 AWG Rigid 1x 20-12 AWG

Dimensions

Product Net Width	22.5 mm
Product Net Height	78 mm
Product Net Depth / Length	102 mm
Product Net Weight	0.113 kg

Container Information

Package Level 1 Units	box 1 piece
-----------------------	-------------

Package Level 1 Width	22.5 mm
Package Level 1 Height	78 mm
Package Level 1 Depth / Length	102 mm
Package Level 1 Gross Weight	0.12 kg
Package Level 1 EAN	4016779837200

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900
E-Number (Finland)	3709072
Country of Origin	Germany (DE)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

ABS Certificate	17-HG1610225-PDA
ATEX Certificate	No
cULus Certificate	cULus_20120412_E48139
Declaration of Conformity - CE	1SVD981039
DNV Certificate	DNV_E-13261
DNV GL Certificate	TAA000015X
GL Certificate	1SAA962005-0401
Instructions and Manuals	2CDC135016M6801
RoHS Information	1SVD981039
Regulatory Compliance Mark (RCM)	No

Popular Downloads

Data Sheet, Technical Information	2CDC135013D0202
Instructions and Manuals	2CDC135016M6801

Classifications

ETIM 6	EC002613 - Extension module for motor management device
ETIM 7	EC002613 - Extension module for motor management device
ETIM 8	EC002613 - Extension module for motor management device
EPLAN Catalog Tree	Electrical engineering / Protection devices / Motor overload switch
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8536 49 00
eClass	V11.0 : 27370805
Object Classification Code	B

Categories

Low Voltage Products and Systems → Control Products → Motor Controllers → Universal Motor Controllers Accessories

