

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)

### Ordering

E-Number (Finland)	3709072
EAN	4016779837200
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

### Dimensions

Product Net Width	22.5 mm
Product Net Height	78 mm
Product Net Depth / Length	102 mm

Product Net Weight	0.113 kg
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## 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

## Environmental

Ambient Air Temperature	Storage -25 ... +70 °C Operation 0 ... +60 °C
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 <sup>2</sup>
RoHS Status	Following EU Directive 2011/65/EU

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC
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## Additional Information

Analog Inputs	3
Degree of Protection	IP20
Input Voltage Type	AC
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
Number of Poles	3
Number of Digital Output Relays	1
Pollution Degree	3
Power Loss	Approximately 0.6 W
Product Main Type	VI150-FBP
Product Name	Voltage Module
Rated Control Supply Voltage ( $U_s$ )	24 V DC
Rated Frequency (f)	Main Circuit 50 / 60 Hz
Rated Impulse Withstand Voltage ( $U_{imp}$ )	Main Circuit 8 kV Auxiliary Circuit 4 kV
Rated Insulation Voltage ( $U_i$ )	690 V

Rated Operational Current AC-15 ( $I_{\theta}$ )	(240 V) 1.5 A
Rated Operational Current DC-13 ( $I_{\theta}$ )	(24 V DC) 1 A (125 V DC) 0.22 A (250 V DC) 0.11 A
Rated Operational Voltage	Main Circuit 690 V AC Auxiliary Circuit 12 ... 250 V AC/DC
Standards	CAN/CSA C22.2 No.14 IEC/EN 60947-1 IEC/EN 60947-5-1 IEC/EN 61131-2 UL 508
Terminal Type	Screw Terminals
Type of Low Voltage Distribution System	TN

### Certificates and Declarations (Document Number)

ABS Certificate	17-HG1610225-PDA
ATEX Certificate	no
Data Sheet, Technical Information	2CDC135013D0202
Declaration of Conformity - CE	1SVD981039
DNV Certificate	DNV_E-13261
DNV GL Certificate	TAA000015X
Environmental Information	1SAA962006-2401
GL Certificate	1SAA962005-0401
Instructions and Manuals	2CDC135016M6801
RoHS Information	1SVD981039

### Classifications

ETIM 4	EC001604 - Fieldbus, decentr. periphery - communication module
ETIM 5	EC002613 - Extension module for electronic motor control and protection device
ETIM 6	EC002613 - Extension module for motor management device
ETIM 7	EC002613 - Extension module for motor management device
Object Classification Code	B
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.0 : 27370805

### Categories

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

