

VI150-FBP.0



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

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 1 50-690V 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

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:	102 mm
Product Net Weight:	0.113 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	22.5 mm
Package Level 1 Height:	78 mm
Package Level 1 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 ²

RoHS Status:

Following EU Directive 2011/65/EU

Technical UL/CSA

Maximum Operating Voltage
UL/CSA:

Main Circuit 600 V AC

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_e):

(240 V) 1.5 A

Rated Operational Current DC-13
(I_e):

(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:

IEC/EN 60947-1
IEC/EN 60947-5-1
IEC/EN 61131-2
UL 508
CAN/CSA C22.2 No.14

Terminal Type:

Screw Terminals

Type of Low Voltage Distribution
System:

TN

Certificates and Declarations (Document Number)

ATEX Certificate:

no

