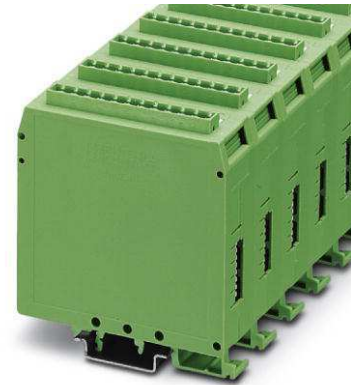


**UEGM-OE/AV-24DC/24DC/100**

Order No.: 2766850

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2766850>Pulse expansion module, input: 24 V DC, output: 3 - 48 V DC/100 mA,  
supply: 20 - 30 V DC**Commercial data**

EAN	4017918066888
Pack	1 pcs.
Customs tariff	85364190
Weight/Piece	0.1025 KG
Catalog page information	Page 144 (IF-2009)

**Product notes**WEEE/RoHS-compliant since:  
12/13/2006

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

**Technical data****Input data**

Name	Supply
Input voltage range	20 V DC ... 30 V DC (24 V, 0 V)
Max. current consumption	Approx. 16 mA

Name of protection	Polarity protection
	Surge protection
Protective circuit/component	Polarity protection diode
Name	Pulse input
Impulse voltage	24 V DC ( $\pm 20\%$ )
Pulse time	0.1 ms
Max. current consumption	6 mA
Name of protection	RC element
Protective circuit/component	RC element

#### Output data

Output nominal voltage range	3 V DC ... 48 V DC ( $V_{CC}$ , GND)
Limiting continuous current	100 mA
Voltage drop at max. limiting continuous current	1.4 V
Output circuit	3-conductor, ground-referenced
Name of protection	Polarity protection
	Surge protection
Protective circuit/component	Polarity protection diode
	Damping diode

#### Connection data

Type of connection	Screw connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

#### General data

Width	25 mm
Height	85 mm
Depth	79 mm
Test voltage input/output	1 kV
Accuracy	Set time $t \pm 10\%$
Ambient temperature (operation)	0 °C ... 55 °C
Mounting position	Any

Assembly instructions	In rows with zero spacing
Standards/regulations	IEC 60664
	IEC 60664 A
	DIN VDE 0110
Rated surge voltage / insulation	Basic insulation
Pollution degree	2
Surge voltage category	III

### Certificates / Approvals



Certification

GOST

### Accessories

Item	Designation	Description
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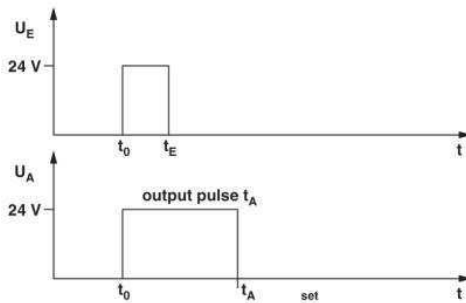
#### General

1781085	MSTBT 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 12, Connection type: Screw connection, Color: green
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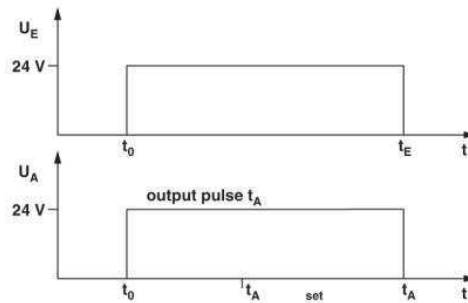
### Diagrams/Drawings

#### Diagram

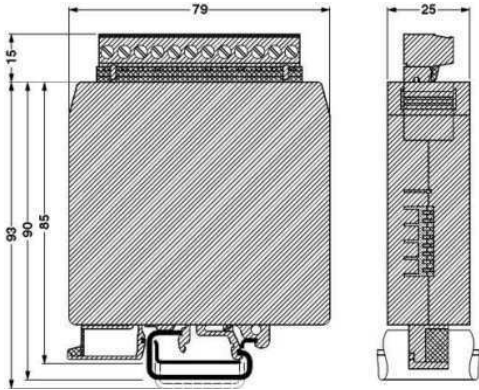
Operating voltage present



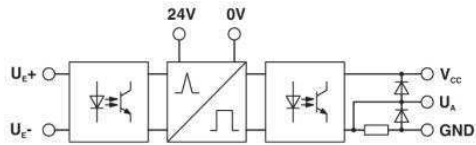
Operating voltage present



Dimensioned drawing



Circuit diagram



**Address**

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