

iDisp6

Display module

Functions

- Measuring size display module for MMS devices
- Six-digit display with a fixed number of decimal places
- Serial communication LED indication
- Possibility of connecting an analog current input
- Software setting of module operation mode
- Connection to other modules via RS485 bus
- Galvanic isolation of analog input in relation to power supply,
- Digit height 14mm



Application

The iDisp6 digital output module enables the display of the measured size in engineering units, which arrives via the RS485 bus. Depending on the choice of operating mode type, the size arriving from the SCADA directly or via the Atlas RTL module is displayed, and the locally measured size on the module itself can also be displayed.

Design

Plastic box (dimensions WxDxH 96x48x110mm)

Connections

At the rear, 2 pin power switches, 3 RS485 pin switches and 2 pin analog power input switches.

Technical specification

Operating temperature:	0-50°C
Operating humidity:	5 to 95% RH
Input type:	Programmable analog input current range 4 to 20mA, 0 to 20mA, -20 to 20mA, 1 to 10mA, 0 to 10mA, -10 to 10mA, 0 to 5mA, -5 to 5mA
Power supply:	9-32VDC
Consumption:	max 200mA

PIN LAYOUT:

IN		
PIN	SIGNAL	DESCRIPTION
I+	I+	CURRENT INPUT
I-	I-	CURRENT OUTPUT

RS485		
PIN	SIGNAL	DESCRIPTION
	RS485	
A	A	RECEPTION/DELIVERY
B	B	RECEPTION/DELIVERY
C	C	COMMON POINT

24V	
PIN	DESCRIPTION
V+	+12V (24V)
V-	Gnd12V (Gnd24V)

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