DMECD

DATA CONCENTRATOR, EXPANDABLE, WITH 8 PROGRAMMABLE DIGITAL INPUTS, 4U, EXPANDABLE, RS485 PORT, FOR DATA COLLECTION+PULSE COUNT FROM DMEM100T1 AND DMED…

Product designation			Data concentrator
Product type designation			DMECD
DIN rail module number			4
Auxiliary supply Us			
Auxiliary rated supply voltage DC		VDC	110…250
Auxiliary operating voltage range			
AC			
	min	VAC	85
	Max	VAC	264
DC			
	min	VDC	93.5
	Max	VDC	300
Operational frequency			
	min	Hz	50
	max	Hz	60
Power consumption			
	Max	VA	8.8
Power dissipation Max		W	3.6
Accuracy			
	Active energy		Class 1 (IEC/EN 62053-21)
RS485 serial interface			
Baud rate		bps	Programmable 1200…38400
Insulations			
Rated insulation voltage Ui IEC/EN		V	250
Rated impulse withstand voltage Uimp		kV	6.5
Operating frequency withstand voltage		kV	3.6
Mechanical features			
Housing type			Polyamide
Terminals type			Fixed
Conductor cross section			
	min	mm²	0.2
	Max	mm²	4
	min	AWG	24
	Max	AWG	12
Tightening torque (Max)			
		Nm	0.8
		lbin	7
Fixing			Din rail
Weight		g	337
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-20

	max	°C	+60
Storage temperature			
	min	°C	-30
	max	°C	+80
Relative humidity		%	<90
Maximum Pollution degree			2

Dimensions
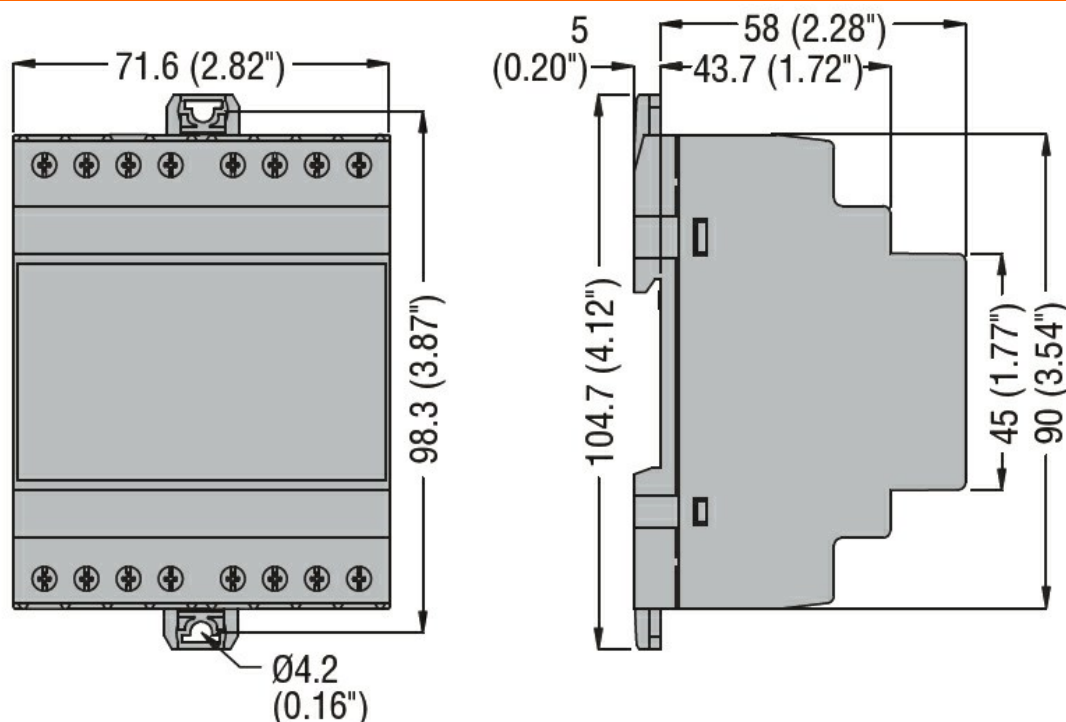
Wiring diagrams
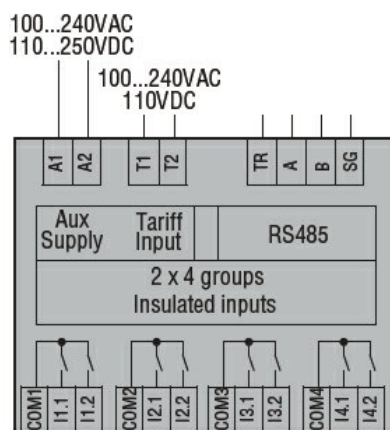
Certifications and compliance

Compliance

IEC/EN 61000-6-2
IEC/EN 61000-6-3
IEC/EN 61010-1

Certificates

cULus
EAC

ETIM classification

| ETIM 8.0	EC002300 - Impulse meter for installation

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3 / 3