

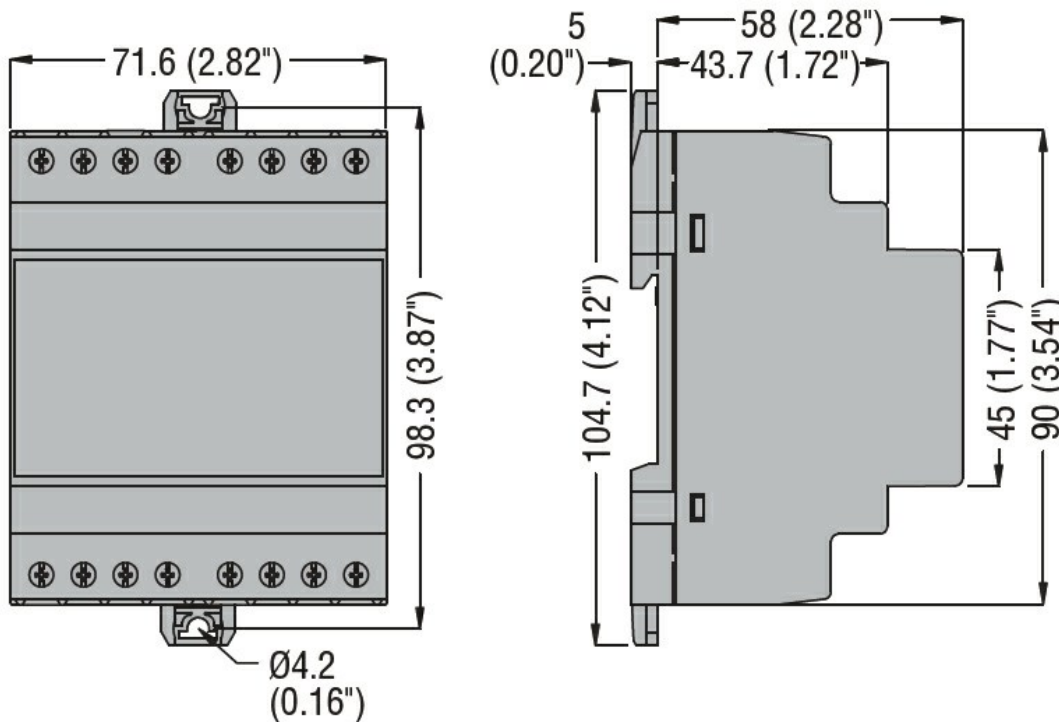


Three-phase  
energy meters  
DMED332MID  
Three-phase +  
neutral  
4

Product designation			
Product type designation			
Type			
DIN rail module number			
Auxiliary supply $U_s$			
Operational frequency	min	Hz	50
Power consumption	Max	VA	3.5
Power dissipation Max		W	2.7
Measuring voltage inputs			
Rated voltage ( $U_e$ )	phase-phase	VAC	400
	phase-neutral	VAC	230
Operating voltage range	phase-phase	VAC	323...456
	phase-neutral	VAC	187...264
Connection method	Via CT		
Current			
IEC maximum ( $I_{max}$ )		A	5
IEC minimum ( $I_{min}$ )		A	0.05
IEC rated ( $I_{ref-Ib}$ )		A	5
IEC start ( $I_{st}$ )		mA	0.005
Transition ( $I_{tr}$ )		A	0.25
Accuracy			
Measurement conditions (T +23°C ±1°C / Rel. Humidity 45 ±15% R.H.)			
	active energy	Class B (EN50470-3)	
	reactive energy	Class 2 (IEC/EN 62053-23)	
Output characteristics			
LED Pulse rate		pulse/kWh	1000
LED Pulse duration		ms	30
Insulations			
Rated insulation voltage $U_i$ IEC/EN		V	250
Rated impulse withstand voltage $U_{imp}$		kV	6
Operating frequency withstand voltage		kV	4
Mechanical features			
Housing type	Polyamide		
Terminals type	Fixed		
Conductor cross section	min	mm <sup>2</sup>	0.2

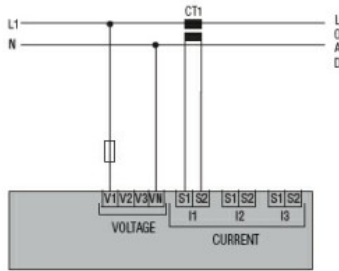
			4 for supply voltage measurement; 2.5 for current measurement
	Max	mm <sup>2</sup>	
	min	AWG	24
	Max	AWG	12
<b>Tightening torque (Max)</b>			
		Nm	0.8
		lbin	7
<b>Fixing</b>			
			DIN rail
<b>Weight</b>			
		g	332
<b>Ambient conditions</b>			
<b>Temperature</b>			
	<b>Operating temperature</b>		
	min	°C	-25
	max	°C	+55
	<b>Storage temperature</b>		
	min	°C	-25
	max	°C	+70
<b>Relative humidity</b>			
		%	<80
<b>Maximum Pollution degree</b>			
			2
<b>Mechanical environment</b>			
			Class M1
<b>Magnetic environment</b>			
			Class E1

**Dimensions**

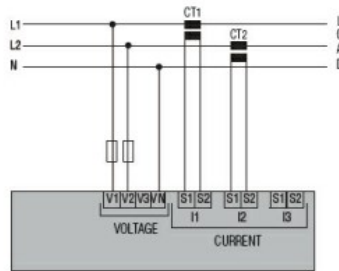


**Wiring diagrams**

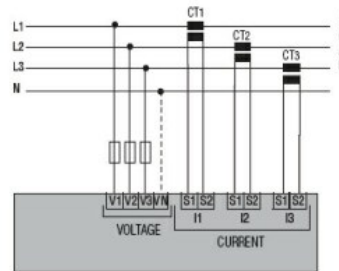
Single-phase



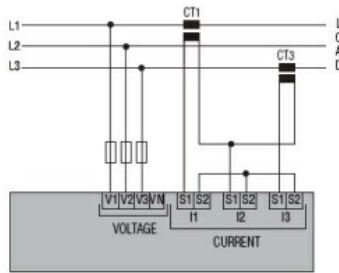
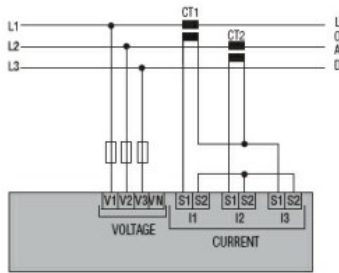
Two-phase



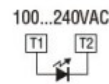
Three-phase with or without neutral



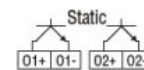
Three-phase without neutral in ARON connection



Tariff input



Pulse output 30VDC 50mA for DME D305 T2



RS485 for DME D330



M-Bus for DME D332



**Certifications and compliance**

Compliance

EN50470-1

EN50470-3

TR 50579

Certificates

EAC

MID (moduli B + D)

RCM

**ETIM classification**

ETIM 8.0

EC001506 -  
Kilowatt-hour  
meter