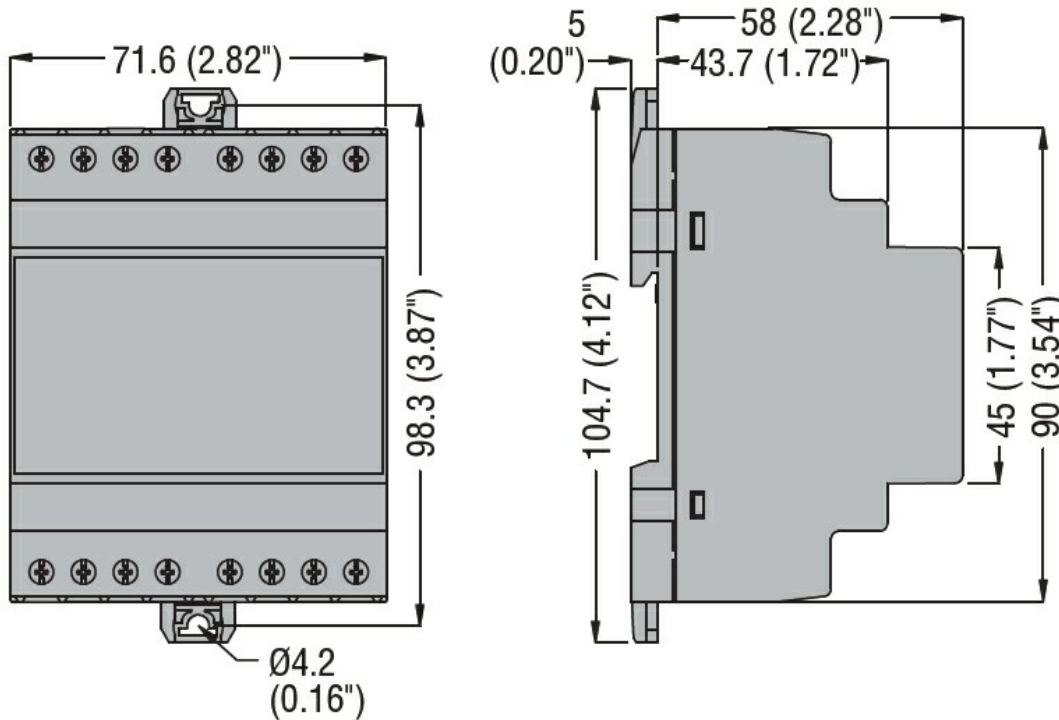




Product designation	Three-phase energy meters		
Product type designation	DMED330		
Type	Three-phase with and without neutral		
DIN rail module number	4		
Auxiliary supply U_s			
Operational frequency	min	Hz	50
	max	Hz	60
Power consumption	Max	VA	3.5
Power dissipation Max		W	2.7
Measuring voltage inputs			
Rated voltage (U _e)	phase-phase	VAC	380...415
	phase-neutral	VAC	220...240
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} -I _b)		A	5
IEC start (I _{st})		mA	0.005
Transition (I _{tr})		A	0.25
Accuracy			
	Active energy		Class 0.5s (IEC/EN 62053-22)
	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 ²	0.2

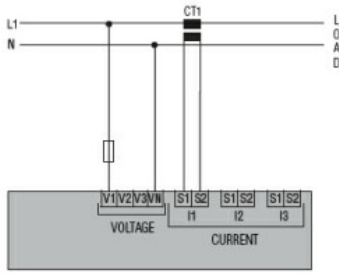
				4 for supply voltage measurement; 2.5 for current measurement
	Max	mm ²		
	min	AWG		24
	Max	AWG		12
<hr/>				
Tightening torque (Max)			Nm	0.8
			lbin	7
<hr/>				
Fixing				Din rail
<hr/>				
Weight			g	332
<hr/>				
Ambient conditions				
Temperature				
	Operating temperature			
	min	°C		-25
	max	°C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

Dimensions

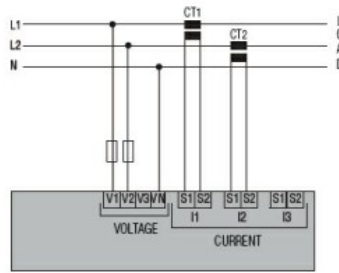


Wiring diagrams

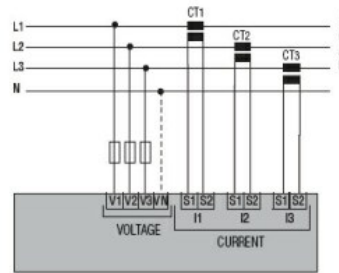
Single-phase



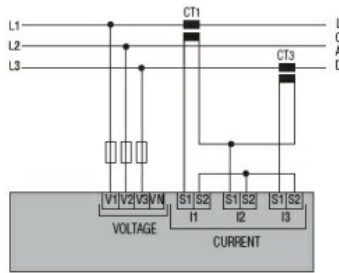
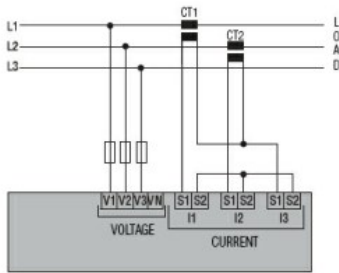
Two-phase



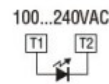
Three-phase with or without neutral



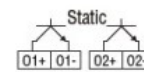
Three-phase without neutral in ARON connection



Tariff input



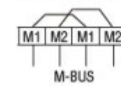
Pulse output 30VDC 50mA for DME D305 T2



RS485 for DME D330



M-Bus for DME D332



Certifications and compliance

Compliance

- IEC/EN 50470-1
- IEC/EN 61010-1
- IEC/EN 61010-2-030

Certificates

- EAC
- RCM

ETIM classification

ETIM 8.0

EC001506 -
Kilowatt-hour
meter