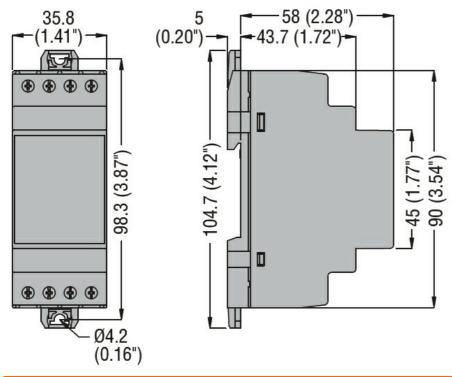




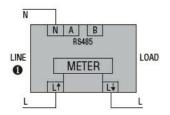
Reactive energy 62053-21 Class 2 (IEC/EN 62053-23)				
Product type designation	Product decignation			Single-phase
Type	•			
DIN rail module number 2 Auxiliary Supply US				
Auxiliary supply US Operational frequency min max Hz 50 max Hz 60				
Power consumption				2
Power consumption				
Power consumption	Operational frequency			F0
Power consumption				
Name	Power concumption	IIIax	ПZ	60
Power dissipation Max W 1.4	Power consumption	May	١/٨	1 Q
Measuring voltage inputs Rated voltage (Ue) phase-neutral VAC 110120 / 220240 Operating voltage range phase-neutral VAC 184264 Connection method Direct EC maximum (Imax) A 63 IEC maximum (Imin) A 0.5 IEC rated (Iref-Ib) A 10 IEC start (Ist) MA 40 Transition (Itr) A 1 Accuracy Class 1 (IEC/EN 62053-21) Reactive energy Class 2 (IEC/EN 62053-23) RS485 serial interface Baud rate bps Programmable 120038400 Insulations V 250 Rated insulation voltage Uir IEC/EN V 250 Rated impulse withstand voltage Uimp kV 6 Operating frequency withstand voltage kV 4 Mechanical features Polyamide Terminals type Polyamide Conductor cross section min mm² 2.5 Max mm² 16 <t< td=""><td>Power dissipation May</td><td>IVIAX</td><td></td><td></td></t<>	Power dissipation May	IVIAX		
Pase-neutral VAC 110120 / 220240 Operating voltage range	<u> </u>		VV	1.4
Phase-neutral VAC 110120 / 220240				
Phase-neutral VAC 220240	Nated Voltage (De)			110 120 /
Operating voltage range phase-neutral VAC 184264 Connection method Direct Current IEC maximum (Imax) A 63 IEC minimum (Imin) A 0.5 IEC rated (Iref-Ib) A 10 IEC start (Ist) MA 40 Transition (Itr) A 1 Accuracy Active energy Class 1 (IEC/EN 62053-21) Reactive energy Caption (Ed2053-23) RS485 serial interface bps Programmable 120038400 Insulations V 250 Rated insulation voltage Ui IEC/EN V 250 Rated impulse withstand voltage Uimp kV 6 Operating frequency withstand voltage kV 4 Mechanical features Polyamide Polyamide Terminals type Polyamide Polyamide Terminals type Polyamide Polyamide Conductor cross section Max mm² 1.6 Max mm² 1.6 1.6 M		phase-neutral	VAC	
Phase-neutral VAC 184264 Connection method Direct	Operating voltage range			ZZOZ¬O
Connection method	Operating voltage range	nhase-neutral	VAC	184 264
EC maximum (Imax)	Connection method	priace ricatian	V/ (O	
EC maximum (Imax)				Biroot
IEC minimum (Imin)			Α	63
EC rated (Iref-Ib)				
IEC start (lst)				
Transition (ltr) A 1 Accuracy Active energy Class 1 (IEC/EN 62053-21) (Class 2 (IEC/EN 62053-23)) RS485 serial interface bps Programmable 120038400 Insulations V 250 Rated insulation voltage Ui IEC/EN V 250 Rated impulse withstand voltage Uimp kV 6 Operating frequency withstand voltage kV 4 Mechanical features Fixed Housing type Polyamide Terminals type Fixed Conductor cross section min mm² 2.5 Max mm² 16 min AWG 14 min AWG 14 Max AWG 6;10	, ,			
Active energy				
Reactive energy 62053-21 Class 2 (IEC/EN 62053-23)	` '			
Reactive energy Class 2 (IEC/EN 62053-21)		A ativa anaray		Class 1 (IEC/EN
Reactive energy Feature Featur		Active energy		
RS485 serial interface Baud rate Baud rate bps Programmable 120038400 Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp kV 6 Operating frequency withstand voltage Mechanical features Housing type Terminals type Conductor cross section min mm² 2.5 Max mm² 16 min AWG 14 Max AWG 6;10		Reactive energy		
Baud rate bps Programmable 120038400 Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Would be withstand voltage Nousing frequency withstand voltage Housing type Terminals type Conductor cross section min mm² 2.55 Max mm² 16 min AWG 14 Max AWG 6;10		reactive changy		62053-23)
Insulations Insulation voltage Ui IEC/EN V 250 Rated insulation voltage Uimp kV 6 Operating frequency withstand voltage kV 4 Mechanical features Polyamide Terminals type Polyamide Terminals type Fixed Conductor cross section min mm² 2.5 Max mm² 16 min AWG 14 Max AWG 6;10	RS485 serial interface			
Insulations Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Wechanical features Housing type Terminals type Conductor cross section min mm² 2.55 Max mm² 16 min AWG 14 Max AWG 6;10	Baud rate		bps	
Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operating frequency withstand voltage Wechanical features Housing type Terminals type Conductor cross section min mm² 2.5 Max mm² 16 min AWG 14 Max AWG 6;10	Inculations			120038400
Rated impulse withstand voltage Uimp Operating frequency withstand voltage Mechanical features Housing type Terminals type Conductor cross section min mm² 2.5 Max mm² 16 min AWG 14 Max AWG 6;10			\/	250
Operating frequency withstand voltage Mechanical features Housing type Terminals type Conductor cross section min mm² 2.5 Max mm² 16 min AWG 14 Max AWG 6;10				
Mechanical features Housing type Terminals type Conductor cross section min mm² 2.5 Max mm² 16 min AWG 14 Max AWG 6;10				
Housing type Polyamide Terminals type Fixed Conductor cross section min mm² 2.5 Max mm² 16 min AWG 14 min AWG 6;10 Max AWG 6;10			K V	4
Terminals type Conductor cross section min mm² 2.5 Max mm² 16 min AWG 14 Max AWG 6;10				Polyamide
Conductor cross section min mm² 2.5 Max mm² 16 min AWG 14 Max AWG 6;10				•
min mm² 2.5 Max mm² 16 min AWG 14 Max AWG 6;10	• • • • • • • • • • • • • • • • • • • •			i ixou
Max mm² 16 min AWG 14 Max AWG 6;10	Conductor cross section	min	mm²	2.5
min AWG 14 Max AWG 6;10				
Max AWG 6;10				
rightening torque (Max)	Tightening torque (Max)			·



			Nm	2
			lbin	17.7
Fixing				Din rail
Weight			g	148
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-25
		max	°C	+70
Relative humidity			%	<80
Maximum Pollution de	egree			2
Dimensions				



Wiring diagrams



Certifications and compliance

Compliance

CSA 22.2 n°61010-1	CSA 22.2 n°61010-1
EC/EN 61000-6-2	IEC/EN 61000-6-2
EC/EN 61000-6-3	IEC/EN 61000-6-3
EC/EN 61010-1	IEC/EN 61010-1
UL61010-1	UL61010-1

Certificates

cULus



ETIM classification

DMED121 COMPTEURS D'ÉNERGIE 220-240VAC 63A DIRECTE 2U, INTERFACE RS485

EAC	
RCM	

ETIM 8.0

EC001506 -Kilowatt-hour meter