

**CEM01****Suppressor device****Power supply**

Nominal voltage	24 ... 240 V UC
Operating voltage range	19 ... 250 V
Rated frequency	15 ... 63 Hz

**General data**

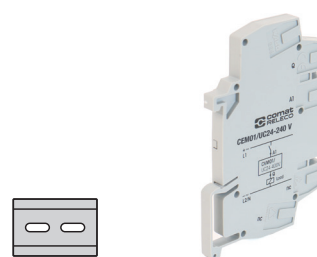
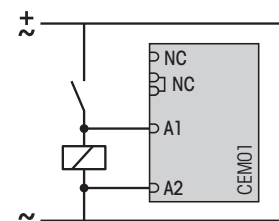
Ambient temperature storage (no ice)	-40 ... 85 °C
Ambient temperature operation	-25 ... 60 °C
Conductor cross section	0.08 ... 2.5 mm <sup>2</sup>
Nominal screw torque	---
Dimension	fig. 2
Weight	15 g
Protection degree	IP20
Housing material	PA 66

**Product reference**

Description	Type	24-240
Suppressor device	CEM01/UC...V	✓

Other voltages on request. Please contact [support@comatreleco.com](mailto:support@comatreleco.com).

"..." list control circuit voltage to complete product references.

**fig. 1. Wiring diagram****fig. 2. Dimension (mm)****Standards and approvals**

Standards EN 61000-6-2; EN 61000-6-3;  
EN 60730-1

Approvals 

	Description	MRM11	MRM11R	MRM32	MRM32R	MRU11	MRU32	MV53	SSU34	SSU31	SSU33L	MRI11	MRI32	TSR19	ESU-D2R	CT515R	CT524R	
Monitoring	One phase voltage monitoring	●	●			●		●										
	Three phase voltage monitoring			●	●		●		●		●							
	Four channel voltage measuring																	
	DC Voltage monitoring	●	●	●	●	●	●										●	
	One phase current monitoring	●	●									●						
	Three phase current monitoring			●	●								●					
	Four channel current measuring																	
	DC current monitoring	●	●	●	●							●	●				●	
	Phase failure			●	●		●		●	●	●							
	Phase sequence monitoring			●	●		●		●	●	●							
	Phase angle monitoring / measuring*			●	●		●		●		●							
	Differential voltage monitoring / measuring*								●		●							
	Neutral failure monitoring								●		●							
	Frequency monitoring / measuring*	●	●	●	●	●	●		●		●	●						
	Apparent power monitoring / measuring*	●	●	●	●													
	Active power monitoring / measuring*	●	●	●	●													
	Power factor monitoring / measuring*	●	●	●	●													
	Active energy measuring																	
	THDI / THDU measuring																	
	PTC monitoring														●			
Earth failure monitoring															●			
Functions	Threshold „over“ exceeded fig. 3.	●	●	●	●	●	●	●	●		●	●	●	●		●	●	
	Theshold „under“ exceeded fig. 4.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	„Inside“ band entered fig. 2.	●	●	●	●	●	●					●	●			●	●	
	„Outside“ band entered fig. 1.	●	●	●	●	●	●					●	●			●	●	
	Alarm on-delay	●	●	●	●	●	●	●	●		●	●	●		●	●	●	
	Alarm off-delay	●	●	●	●	●	●	●					●	●				
	Latching alarm output function	●	●	●	●	●	●						●	●	●			
	Threshold selectable	●	●	●	●	●	●	●	●				●	●	●	●	●	
	Threshold fixed									●	●				●			
Power supply	Supply isolated from measuring circuit	●	●	●	●	●	●					●	●	●	●			
	Supply from measure circuit							●	●	●	●					●	●	
Mounting	DIN rail mounting	●	●	●	●	●	●	●	●			●	●		●			
	Housing according IEC/EN 43880 (electrical distribution mounting)	●	●	●	●	●	●	●				●	●					
	Plug-in (socket mounting)									●	●	●		●		●	●	

