



Start-up priority  
change relay.  
Modular version  
LVMP05  
Priority change  
relay for motors.

Product designation

Product type designation

Function

**Auxiliary supply**

Supply voltage Type	Multi voltage		
Rated voltage Us	24/48VDC or 24...240VAC		
Operating voltage range	0.85...1.1 Us		
Rated frequency	Hz	50/60	
Power consumption Max	VA	1.6	
Power dissipation Max	W	0.9	

**Relay outputs**

Number of relays	Nr.	2	
Relay state	Normally de-energised, energises at tripping		
Contact arrangement	2 x 1NO-SPST contact		
Rated operational voltage AC (IEC)	VAC	250	
IEC Conventional free air thermal current Ith	A	8	
UL/CSA and IEC/EN 60947-5-1 designation	B300		
Electrical life (with rated load)	cycles	105	
Mechanical life	cycles	30x106	

**Indications**

Indication	1 green LED for power on 1 red LED for relay state		
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**Connections**

Terminals type	Screw			
Tightening torque for terminals	max	Nm	0.8	
	max	Ibin	7	
Conductor cross section	AWG/Kcmil	min	AWG	24
		Max	AWG	12
	IEC	min	mm <sup>2</sup>	0.2
		Max	mm <sup>2</sup>	4

**Insulations**

Rated insulation voltage Ui	V	250	
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Rated impulse withstand voltage Uimp	kV	4
Operating frequency withstand voltage	kV	2

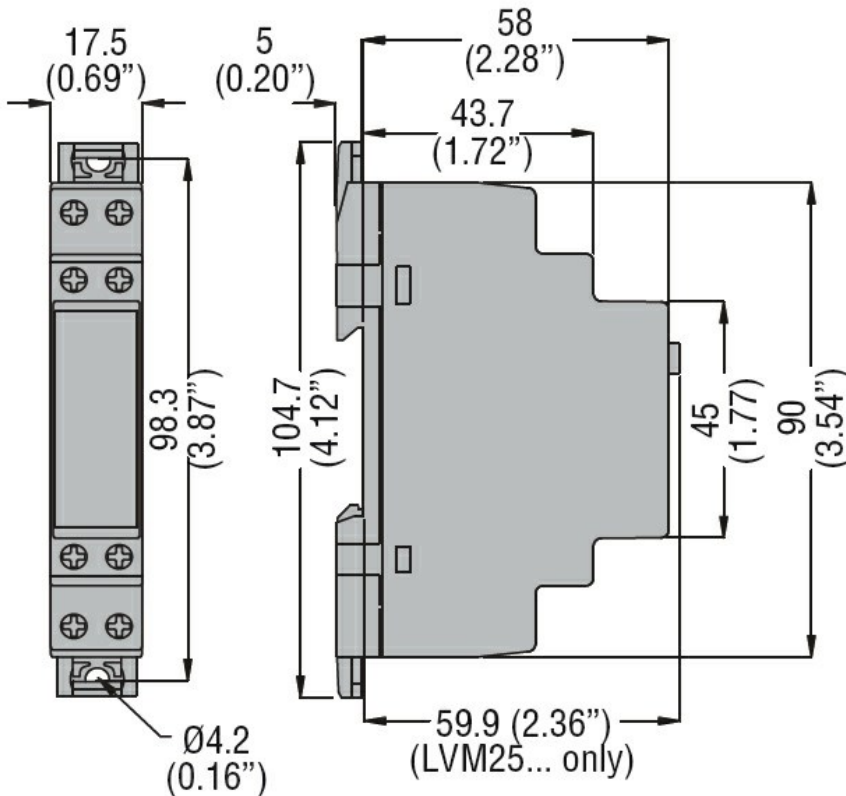
**Ambient conditions**

Temperature			
Operating temperature			
	min	°C	-20
	max	°C	+60
Storage temperature			
	min	°C	-30
	max	°C	+80

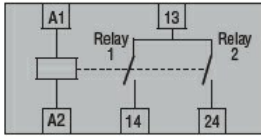
**Housing**

Execution	Modular		
N° of modules	1		
Material	Self-extinguishing polyamide		
Mounting	35mm DIN rail (IEC/EN 60715) or by screws using extractable clips		
IEC degree of protection	IP40 on front / IP20 on terminals		
Dimensions (W x H x D)	mm	17.5 x 104.7 x 64.9	
Weight	g	90	

**Dimensions**



**Wiring diagrams**



### Certifications and compliance

#### Compliance

CSA C22.2 n° 14

IEC/EN 60255-5

IEC/EN 61000-6-2

IEC/EN 61000-6-3

UL508

#### Certificates

cULus

EAC

### ETIM classification

ETIM 8.0

EC001655 -  
Load shedding  
relay for  
distribution board