



General characteristics

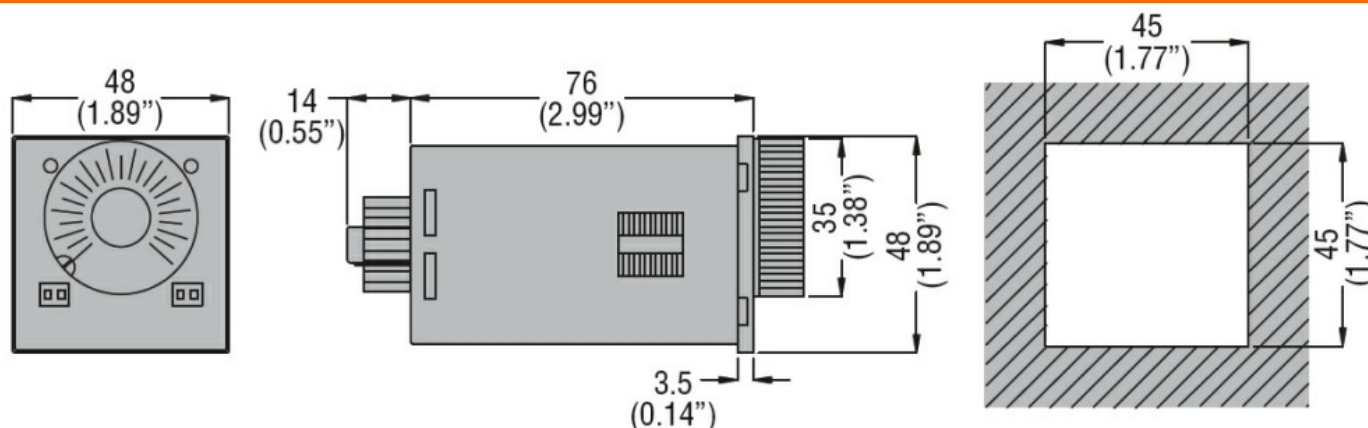
Description			Multifunction time relay, multiscale and multivoltage			
Function			Multifunction			
Supply circuit						
Rated auxiliary supply voltage Us			24...240VAC/DC			
Rated auxiliary supply voltage Us AC			min	VAC	24	
			Max	VAC	240	
DC			min	VDC	24	
			Max	VDC	240	
Rated frequency			Hz	50/60		
Operating voltage range			0.85...1.1 Us			
Maximum power consumption / dissipation			W	6VA		
Immunity time for microbreakings			ms	≤40		
Timing circuit						
Time setting range			0.05s...10min			
Setting accuracy			%	±5		
Repeat accuracy			%	±0.5		
Influence of voltage variation			%	±0.5		
Resetting time			During timing		ms	≥100
			Elapsed time		ms	≥65
Relay outputs						
Number of relays			Nr.	2		
Contact arrangement			2 delayed C/O			
Maximum switching voltage			VAC	250		
IEC Conventional free air thermal current Ith ≤ 40°C			A	5		
UL/CSA and IEC/EN 60947-5-1 designation			B300			
Insulation (input-output)						
Rated insulation voltage Ui			V	250		
Power frequency withstand voltage			kV	2		
Operations						
Mechanical life			cycles	30000000		
Electrical life (with rated load)			cycles	100000		
Ambient conditions						
Temperature			Operating temperature			
			min	°C	-10	
Storage temperature			max	°C	+60	
			min	°C	-30	

max °C +80

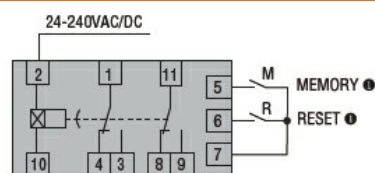
Housing

Material	Self-extinguishing polyamide	
Mounting	Plug-in housing with 11-pin socket	
Degree of protection	IP40 on front, IP20 terminals	
Dimensions (W x H x D)	mm	48 x 48 x 90
Weight	g	135

Dimensions



Wiring diagrams



T (preset time) = $T1 + T2$

① Contacts "M" and "R" are to be volt free (dry).

Certifications and compliance

Compliance

CSA C22.2 n°14

IEC/EN 61812-1

UL508

Certificates

cURus

EAC

ETIM classification

ETIM 8.0

EC001439 -
Timer relay