31L48TPBM24

TIME RELAY ON DELAY. MULTISCALE AND SINGLE VOLTAGE, PLUG-IN AND FLUSH-MOUNT VERSION 48X48MM, 24VAC/DC



Product designation			Time relay
Product type designation			L48TPB
General characteristics			
Description			On delay time relay, multiscale and multivoltage, plug-in version
Function			On delay
Supply circuit			
Rated auxiliary supply voltage Us			24VAC/DC
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 or 1 instananeous C/O + 1 delayed C/O
Maximum switching voltage		VAC	250
IEC Conventional free air thermal current Ith		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
	max	°C	+60
Storage temperature			
	min	°C	-30
	max	°C	+80
Housing			

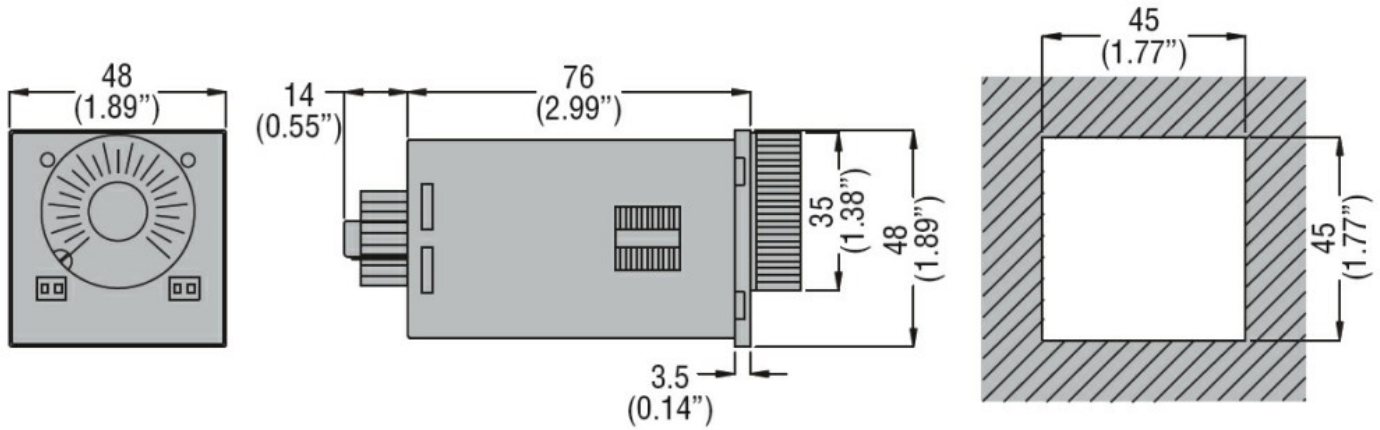
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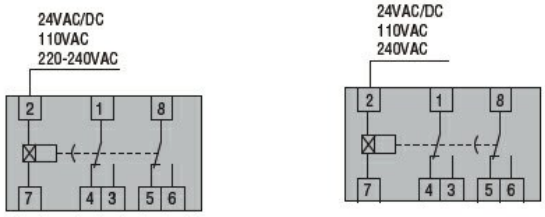
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Material		Self-extinguishing polyamide
Mounting		Plug-in housing with 8-pin socket
Degree of protection		IP40 on front, IP20 terminals
Dimensions (W x H x D)	mm	48 x 48 x 90
Weight	g	124

Dimensions



Wiring diagrams



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

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