



Product designation  
Product type designation

Time relay  
L48TP

### General characteristics

Description

On delay time  
relay, multiscale  
and multivoltage,  
plug-in version

Function

On delay

### Supply circuit

Rated auxiliary supply voltage  $U_s$

24VAC/DC;  
110VAC; 220...  
240VAC

Rated frequency

Hz 50/60

Operating voltage range

0.85...1.1  $U_s$

Maximum power consumption / dissipation

W 6VA

Immunity time for microbreakings

ms  $\leq 40$

### Timing circuit

Time setting range

0.3s...780s

Setting accuracy

%  $\pm 5$

Repeat accuracy

%  $\pm 0.5$

Influence of voltage variation

%  $\pm 0.5$

Resetting time

During timing	ms	$\geq 100$
Elapsed time	ms	$\geq 65$

### Relay outputs

Number of relays

Nr. 1

Contact arrangement

1 delayed C/O

Maximum switching voltage

VAC 250

IEC Conventional free air thermal current  $I_{th}$

A 5

UL/CSA and IEC/EN 60947-5-1 designation

B300

### Insulation (input-output)

Rated insulation voltage  $U_i$

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

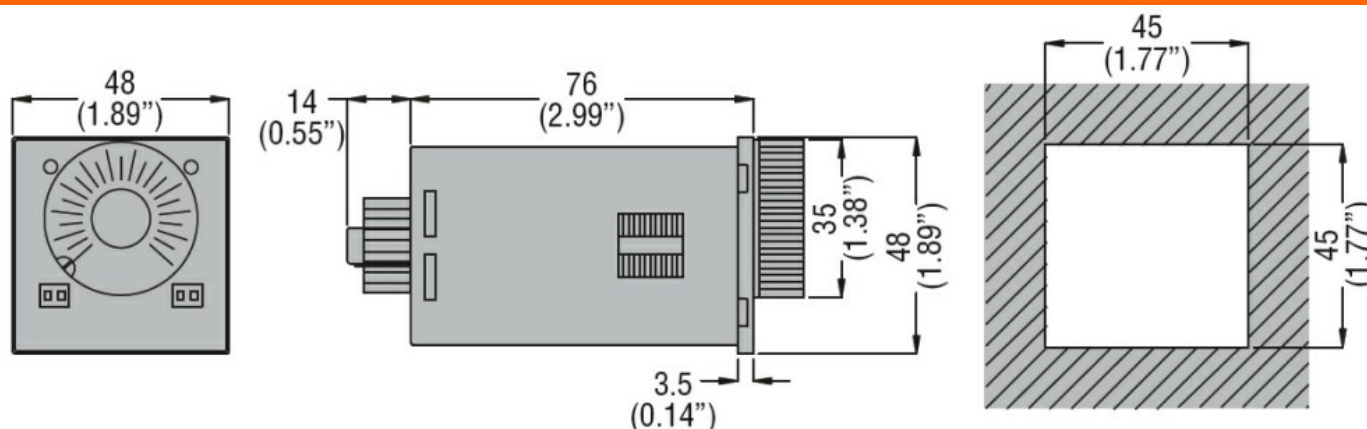
Storage temperature

min	°C	-30
max	°C	+80

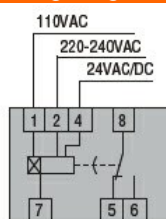
### Housing

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