



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 ≤ 40

Timing circuit

Time setting range

0.3s...780s

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. 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

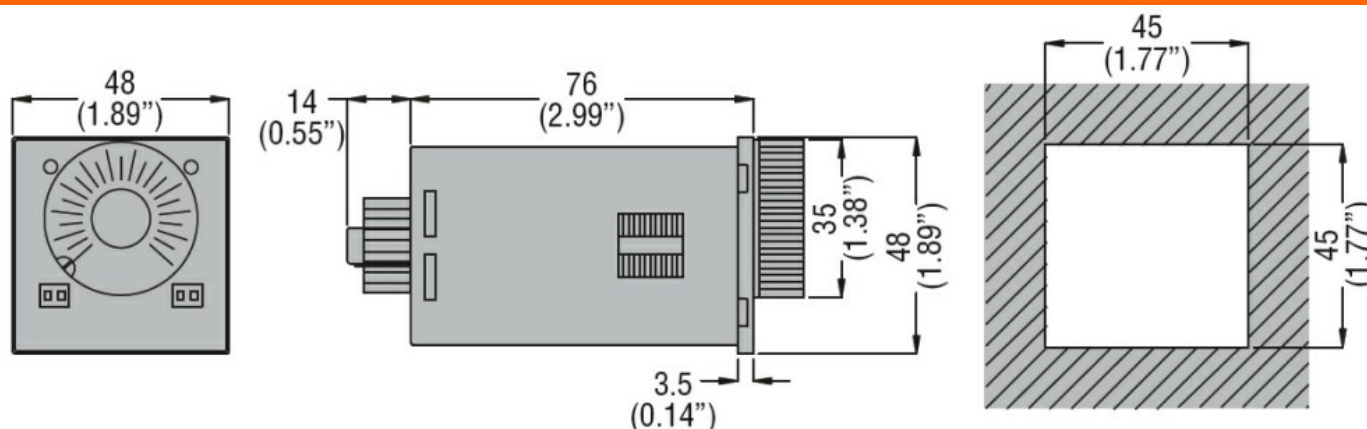
Storage temperature

min	°C	-30
max	°C	+80

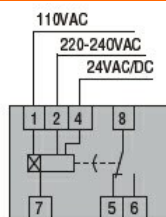
Housing

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