



RELAIS TEMPORISÉ À RETARDEMENT. MULTI-ÉCHELLE ET MONO-TENSION, VERSION ENFICHABLE ET ENCASTRABLE 48X48MM, 24VAC/DC



Product designation Product type designation		Lamberton Control
· · · · · · · · · · · · · · · · · · ·		Time relay
		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		0.851.1 Us
Maximum power consumption / dissipation	W	6VA
Immunity time for microbreakings	ms	≤40
Timing circuit		0.05 10 :
Time setting range		0.05s10min
Setting accuracy	%	±5
Repeat accuracy	%	±0.5
Influence of voltage variation	%	±0.5
Resetting time		. 400
During timing	ms	≥100
Elapsed time	ms	≥65
Relay outputs	Nr.	•
		")
Number of relays	INI.	2 dolayed C/O or
	INI.	2 delayed C/O or
Contact arrangement	IVI.	2 delayed C/O or 1 instananeous
	IVI.	2 delayed C/O or
Contact arrangement	VAC	2 delayed C/O or 1 instananeous C/O + 1 delayed
		2 delayed C/O or 1 instananeous C/O + 1 delayed C/O
Contact arrangement Maximum switching voltage IEC Conventional free air thermal current Ith	VAC	2 delayed C/O or 1 instananeous C/O + 1 delayed C/O 250
Contact arrangement Maximum switching voltage	VAC	2 delayed C/O or 1 instananeous C/O + 1 delayed C/O 250
Contact arrangement Maximum switching voltage IEC Conventional free air thermal current Ith UL/CSA and IEC/EN 60947-5-1 designation Insulation (input-output)	VAC	2 delayed C/O or 1 instananeous C/O + 1 delayed C/O 250
Contact arrangement Maximum switching voltage IEC Conventional free air thermal current Ith UL/CSA and IEC/EN 60947-5-1 designation	VAC A	2 delayed C/O or 1 instananeous C/O + 1 delayed C/O 250 5 B300
Contact arrangement Maximum switching voltage IEC Conventional free air thermal current Ith UL/CSA and IEC/EN 60947-5-1 designation Insulation (input-output) Rated insulation voltage Ui	VAC A	2 delayed C/O or 1 instananeous C/O + 1 delayed C/O 250 5 B300
Contact arrangement Maximum switching voltage IEC Conventional free air thermal current Ith UL/CSA and IEC/EN 60947-5-1 designation Insulation (input-output) Rated insulation voltage Ui Power frequency withstand voltage	VAC A	2 delayed C/O or 1 instananeous C/O + 1 delayed C/O 250 5 B300
Contact arrangement Maximum switching voltage IEC Conventional free air thermal current Ith UL/CSA and IEC/EN 60947-5-1 designation Insulation (input-output) Rated insulation voltage Ui Power frequency withstand voltage Operations	VAC A V kV	2 delayed C/O or 1 instananeous C/O + 1 delayed C/O 250 5 B300
Contact arrangement Maximum switching voltage IEC Conventional free air thermal current Ith UL/CSA and IEC/EN 60947-5-1 designation Insulation (input-output) Rated insulation voltage Ui Power frequency withstand voltage Operations Mechanical life	VAC A V kV	2 delayed C/O or 1 instananeous C/O + 1 delayed C/O 250 5 B300 250 2
Contact arrangement Maximum switching voltage IEC Conventional free air thermal current Ith UL/CSA and IEC/EN 60947-5-1 designation Insulation (input-output) Rated insulation voltage Ui Power frequency withstand voltage Operations Mechanical life Electrical life (with rated load)	VAC A V kV	2 delayed C/O or 1 instananeous C/O + 1 delayed C/O 250 5 B300 250 2
Contact arrangement Maximum switching voltage IEC Conventional free air thermal current Ith UL/CSA and IEC/EN 60947-5-1 designation Insulation (input-output) Rated insulation voltage Ui Power frequency withstand voltage Operations Mechanical life Electrical life (with rated load) Ambient conditions	VAC A V kV cycles	2 delayed C/O or 1 instananeous C/O + 1 delayed C/O 250 5 B300 250 2
Contact arrangement Maximum switching voltage IEC Conventional free air thermal current Ith UL/CSA and IEC/EN 60947-5-1 designation Insulation (input-output) Rated insulation voltage Ui Power frequency withstand voltage Operations Mechanical life Electrical life (with rated load) Ambient conditions Temperature	VAC A V kV cycles cycles	2 delayed C/O or 1 instananeous C/O + 1 delayed C/O 250 5 B300 250 2
Contact arrangement Maximum switching voltage IEC Conventional free air thermal current Ith UL/CSA and IEC/EN 60947-5-1 designation Insulation (input-output) Rated insulation voltage Ui Power frequency withstand voltage Operations Mechanical life Electrical life (with rated load) Ambient conditions Temperature Operating temperature min max	VAC A V kV cycles	2 delayed C/O or 1 instananeous C/O + 1 delayed C/O 250 5 B300 250 2 30000000 100000
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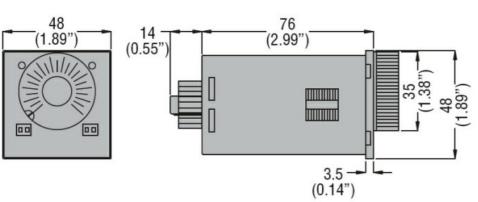
ENERGY AND AUTOMATION

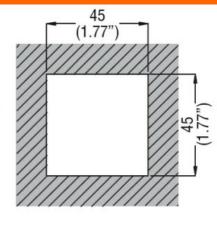
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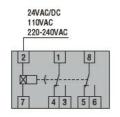
Material		Self-extinguishing polyamide
Mounting		Plug-in housing with 8-pin socket
Degree of protection		IP40 on front, IP20 terminals
Dimensions (W x H x D)	mm	48 x 48 x 90
Weight	g	124

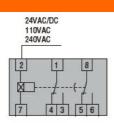
Dimensions





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