

Product designation			Time relay	
Product type designation			TMD	
Number of DIN modules			1	
General characteristics				
Description			True off delay time relay, multiscale	
Function			True off delay	
Supply circuit				
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	0.1VA/0.1W (24...48VAC/DC), 1.1VA/0.8W (110...240VAC/DC)
Timing circuit				
Time setting range			Multiscale 0.06... 0.6s / 0.6...6s / 6...60s / 18...180s	
Setting accuracy			%	<±9
Repeat accuracy			%	<±0.5
Influence of voltage variation			%	<±0.1
Influence of temperature variation			%	<±0.2
Minimum power time			ms	≥200
Relay outputs				
Number of relays			Nr.	1
Contact arrangement			1 delayed changeover	
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
Rated impulse withstand voltage Uimp			kV	4
Power frequency withstand voltage			kV	2
Connections				
Terminals type			Screw	
Tightening torque (Max)				
			Tightening torque Max	Nm 0.8
			Tightening torque Max	Ibin 7 / 7...9 UL
Conductor section				
AWG/Kcmil			min	24...12
			max	12...18
IEC			min	mm² 0.2

		max	mm ²	4
Operations				
Mechanical life			cycles	30000000
Electrical life (with rated load)			cycles	100000
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	+60
	Storage temperature			
		min	°C	-30
		max	°C	+80
Relative humidity			%	<90%
Maximum Pollution degree				2
Overvoltage category				III
Housing				
Execution (n° of modules)				1
Material				Self-extinguishing polyamide
Mounting				DIN rail 35 mm
Degree of protection				IP40 on front, IP20 terminals
Dimensions (W x H x D)			mm	17.5 x 104.7 x 64.9
Weight			g	80
Dimensions				
Wiring diagrams				
Certifications and compliance				
Compliance				
	CSA C22.2 n°14			
	IEC/EN 61812-1			
	UL508			
Certificates				
	CCC			
	cULus			
	EAC			
ETIM classification				
ETIM 8.0				EC001439 - Timer relay