

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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- MLR4Timers
- > DIN rail mount
-) 17.5 mm 1 Relay 8A
 - > Multi-function or mono-function
 - > Multi-range
 - > Multi-voltage
 - > Screw or spring terminals
 - > LED status indicator (relay version)
 - > Possibility of external load connection in parallel to the control input
 - 3-wire PNP sensor compatible



Specifications						
Functions	Timing	Output	Nominal rating	Connections	Supply voltage	Code
L - Li	0,1 s →100 h	1 changeover relay	8 A	Screw terminals	12 VAC/DC	88827150

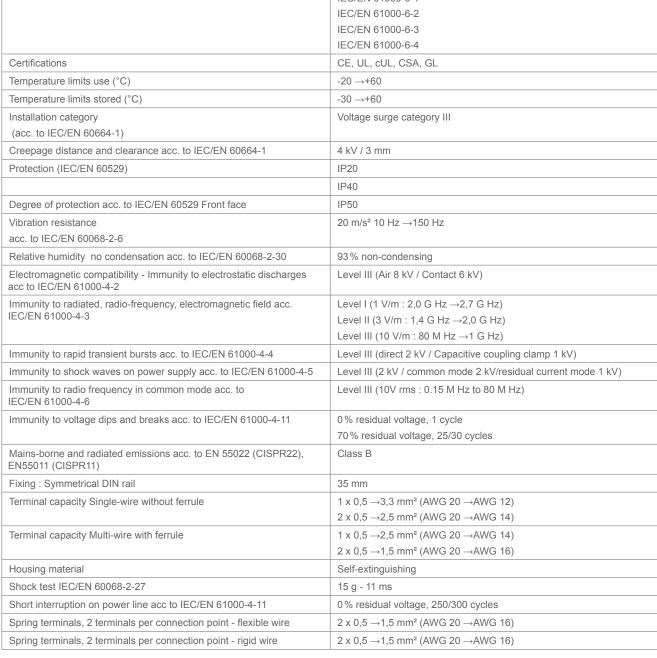
Timing				
Timing ranges (7 ranges)	1 s - 10 s - 1 min - 10 min - 1 h - 10 h - 100 h			
Repetition accuracy with constant parameters	± 0.5% (IEC/EN 61812-1)			
Drift Temperature	± 0,05 % / °C			
Drift Voltage	± 0,2% / V			
Display accuracy according to IEC/EN 61812-1	± 10 % / 25 °C			
Immunity from micro power cuts : typical	< 10 ms			
Minimum pulse duration typically (relay version)	30 ms			
Minimum pulse duration typically (solid state version)	50 ms			
Minimum pulse duration typically (relay version under load)	100 ms			
Maximum reset time by de-energisation typically (relay version)	120 ms			
Maximum reset time by de-energisation typically (solid state version)	350 ms			

Supply		
Multi-voltage power supply	Depending on version	
Frequency (Hz)	50 / 60	
Operating factor	100%	
Operating range	85 →110 % Un	
Operating range	$85 \rightarrow 120 \%$ Un for 12 V AC / DC	
	32 VA (240 VAC)	
	1,5 W (240 VDC)	
Max. absorbed power	0,6 W (24 VDC)	
	0,7 VA (12 VAC)	
	0,7 W (12 VDC)	

Output specification		
Rated power	2000 VA/80 W	

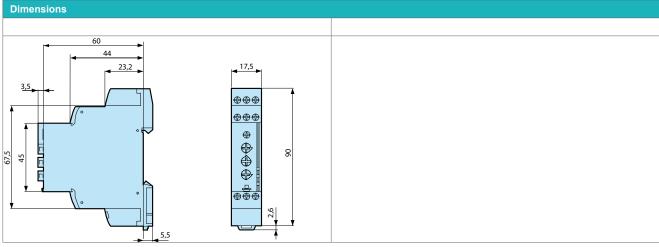


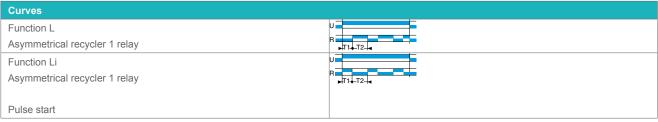
Timers 02 www	.crouzet-control.com
Output specification	
Maximum breaking current	8 AAC 250 VAC resistive
	8 ADC 30 VDC resistive
Minimum breaking current	10 mA / 5 VDC
Voltage breaking capacity	250 VAC / 8 AAC resistive
	250 VDC / 0,3 A resistive
Electrical life (operations)	10 ⁵
	8 A 250 VAC resistive
Mechanical life (operations)	10 x 10 ⁶
Breakdown voltage acc. to IEC/EN 61812-1	2,5 kV / 1 min / 1 mA / 50 Hz
Impulse voltage acc. to IEC/EN 60664-1, IEC/EN 61812-1	5 kV
	wave 1.2 / 50 μs
1 or 2 changeover relays, AgNi (cadmium-free)	1 C/O
General characteristics	
Conformity to standards	IEC/EN 61812-1
	IEC/EN 61000-6-1
	IEC/EN 61000-6-2
	IEC/EN 61000-6-3
	IEC/EN 61000-6-4
Certifications	CE, UL, cUL, CSA, GL
Temperature limits use (°C)	-20 →+60
Temperature limits stored (°C)	-30 →+60
Installation category	Voltage surge category III
(acc. to IEC/EN 60664-1)	
Creepage distance and clearance acc. to IEC/EN 60664-1	4 kV / 3 mm
Protection (IEC/EN 60529)	IP20
	IP40
Degree of protection acc. to IEC/EN 60529 Front face	IP50
Vibration resistance	20 m/s² 10 Hz →150 Hz

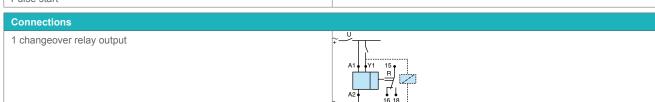




General characteristics	
Weight: casing 17,5 mm	88827105 (MUR1): 63 g
	88827115 (MAR1) : 63 g
	88827125 (MBR1): 63 g
	88827135 (MCR1): 62 g
	88827145 (MHR1) : 63 g
	88827150 (MLR4) : 63 g
	88827155 (MLR1): 64 g
	88827100 (MUR4): 62 g
	88827103 (MUR3): 66 g
	88827503 (MURc3): 59 g
	88827150 (MLR4) : 63 g
	88827185 (MXR1): 63 g
	88827004 (MUS2) : 55 g
	88827014 (MAS5) : 53 g
	88827044 (MHS2) : 53 g
	88827054 (MLS2) : 56 g
Insulation resistance according to IEC/EN 60664-1	100 MOhm(s) (500 V DC)

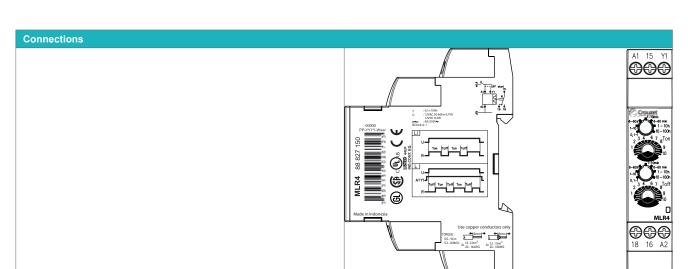








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