

1x4 – 2.5 ms Fast Relay

1. Definition

The 1x4 – 2.5 ms Fast Relay is an auxiliary contact multiplier relay designed for fast operation. It has 4 independent SPDT contacts which are simultaneously operated in the presence of a DC command signal. Each contact may be used to commute DC or AC loads. A LED on its front panel indicates when the relay is activated.

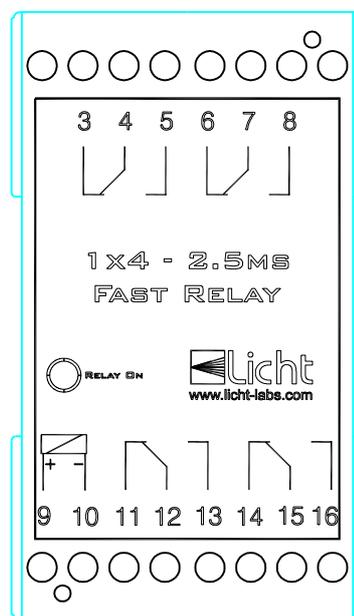
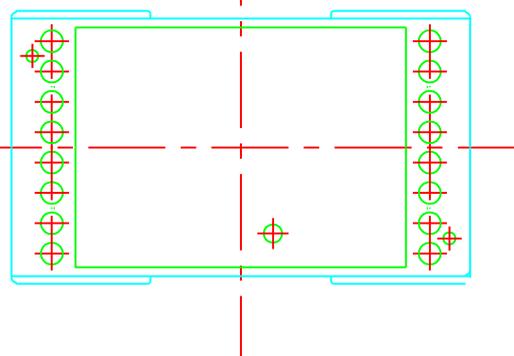
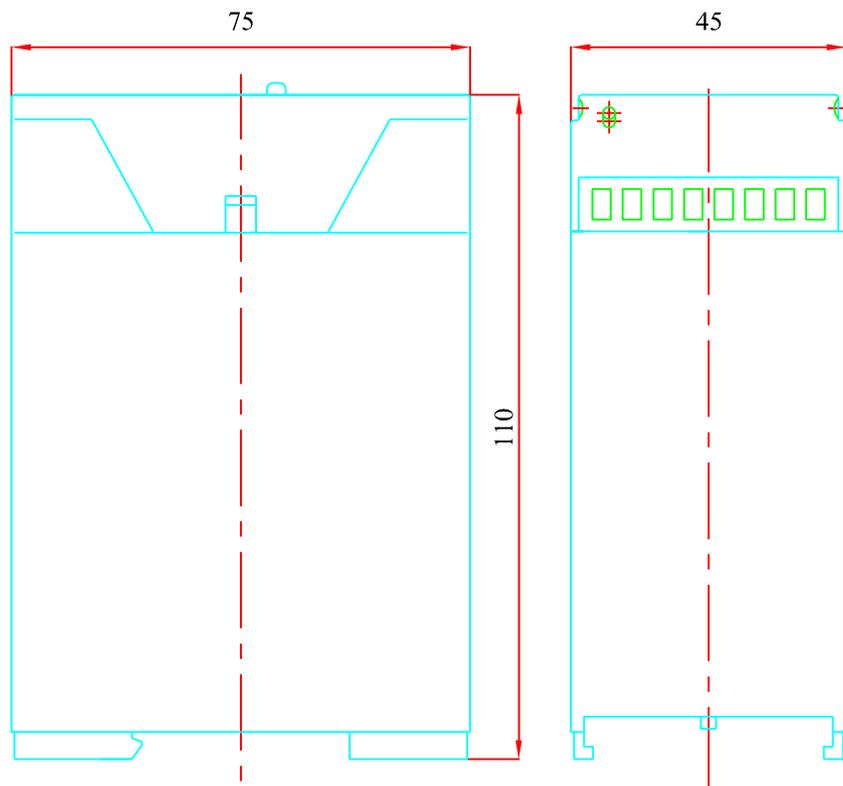
2. Technical Characteristics

Electrical, Mechanical and Environmental Characteristics	
Nominal voltage	110 V _{DC} , 125 V _{DC} or 220 V _{DC}
Power consumption	≤ 2 W
Pick-up voltage	80% of the nominal voltage
Drop-out voltage	10% of the nominal voltage
Maximum allowable voltage	150% of the nominal voltage
Maximum switching voltage	220 V _{DC} , 250 V _{AC}
Maximum switching current	2 A
Maximum switching power	60 W (DC), 125 VA (AC)
Maximum steady-state current	2 A
Rated load	2 A x 30 V _{DC} or 1A x 125 V _{AC}
Mechanical life	10 ⁸ operations
Electrical life under rated load	3 · 10 ⁵ operations
Operation time	≤ 2,5 ms
Release time	≤ 1,5 ms
Isolation between command and contacts	1500 V _{RMS} (60 Hz, 1 min.)
Isolation between open contacts	1000 V _{RMS} (60 Hz, 1 min.)
Initial insulation resistance	≥ 100 MΩ (500 V _{DC})
Operating temperature	-40 to +70 °C

Housing	
Dimensions	45 x 75 x 110 mm (W x H x D)
Enclosure rating	IP 40
Assembly	DIN 35 mm rail
Connectors	Plug-in, for 2.5 mm ² cables

3. Product Photograph





1x4 FAST RELAY

Aceito Cont. Qualid.	Aceito Produção:	1x4 FAST RELAY	Escala Ref.	
Projeto Conf.	Des. Por.			
Des. Conf.	Emit. Depto Data. 05/11/2008		Alt. Num.	Folha 1/1
Licht Eletro Eletrônica				