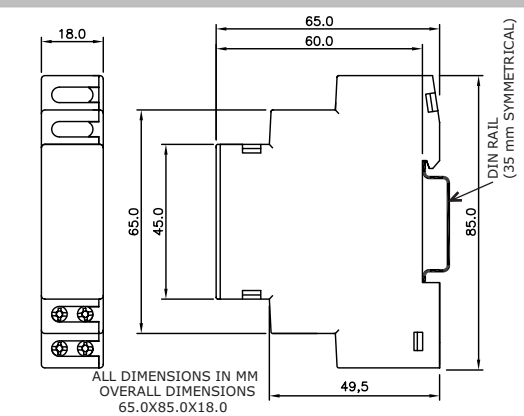
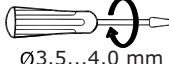


TECHNICAL SPECIFICATIONS:			
Cat. No.:	27B1C3B1		27C1C3B1
SUPPLY CHARACTERISTICS:			
Nominal Supply ($\varnothing$)	230 VAC		
Supply Variation	-25 % to +15 % of		
Supply Frequency	47 to 53 Hz		
Power Consumption (Max.)	2 VA		
RELAY O/P CHARACTERISTICS:			
Contact Arrangement	1 NO		
Contact Rating	16 A @ 240 VAC		
Contact Material	Ag Alloy		
Mechanical Life	10 Million		
Electrical Life	0.1 Million		
Switching Frequency (Max.)	Electrical : 600 cycles per hour at rated load		
FEATURE CHARACTERISTICS:			
Set Time (Ts)	0.5m, 2m, 4m, 6m, 9m, 15m, 20m		
Setting Accuracy	+/- 5% of marking		
Repeat Accuracy	+/- 1%		
Initiate time	>350 ms		
Reset time	<500 ms		
LED Indications	Green LED - Power ON, Yellow LED - Relay Status		
Mounting	Din Rail		
Dimensions (W X H X L)	18 x 65 x 85 (in mm)		
Weight (Unpacked)	72 gms.		
Humidity	95% max without condensation		
Operating Temperature	-10° C to 60° C		
Storage Temperature	-20° C to 70° C		
Enclosure	Flame retardant UL 94-V0,		
Degree of Protection	IP - 20 for terminal, IP - 40 for Housing		
Pollution Degree	II		
Isolation (Terminal and Casing)	4 kV		
Enclosure Color	Light Gray	Dark Gray	
Certifications	CE, as per IEC 61812-1 Ed. 1.0 (1996-10) RoHS,		
EMI / EMC:			
Harmonic Current Emissions	IEC 61000-3-2 Ed. 3.0 (2005-11) Class A		
ESD	IEC 61000-4-2 Ed. 1.2 (2001-04) Level II		
Radiated Susceptibility	IEC 61000-4-3 Ed. 3.0 (2006-02) Level III		
Electrical Fast Transient	IEC 61000-4-4 Ed. 2.0 (2004-07) Level IV		
Surge between supply terminals	IEC 61000-4-5 Ed. 2.0 (2005-11) Level III		
Conducted Susceptibility	IEC 61000-4-6 Ed. 2.2 (2006-05) Level III		
Voltage Dips & Interruptions (AC)	IEC 61000-4-11 Ed. 2.0 (2004-03) Level III		
Conducted Emission	CISPR 14-1	Ed. 5.0 (2005-11) Class B	
Radiated Emission	CISPR 14-1	Ed. 5.0 (2005-11) Class B	
SAFETY:			
Test Voltage between all terminals and enclosure	IEC 60947-5-1 Ed.3.0 (2003-11) Level 4 kv		
Single Fault	IEC 61010-1 Ed.2.0 (2001-02)		
Insulation Resistance	UL 508	Ed.17 (1999-01) >2000 M Ω	
Leakage Current	UL 508	Ed.17 (1999-01) <3 mA	
ENVIRONMENTAL:			
Cold Heat	IEC 60068-2-1 Ed.6.0 (2007-03)		
Dry Heat	IEC 60068-2-2 Ed.5.0 (2007-07)		
Repetitive Shock	IEC 60068-2-27 Ed.4.0 (2008-02), 40 g, 6 ms		
Non-Repetitive Shock	IEC 60068-2-27 Ed.4.0 (2008-02), 30 g, 15 ms		
Vibration	IEC 60068-2-6 Ed.4.0 (2007-12), 5 g		

OVERALL DIMENSIONS & MOUNTING DETAILS



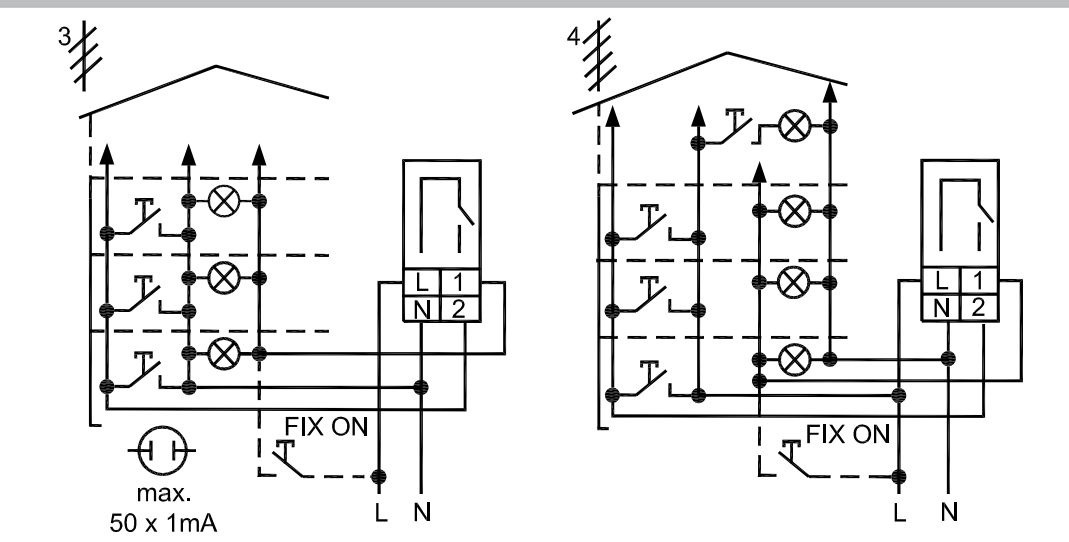
TERMINAL DETAILS

	0.6 N.m (6 Lb.in) Terminal screw - M3
	1 x 0.8...5 mm ² Solid / Stranded Cu Wire
AWG	1 x 18 to 10

Use Cu wire of 75°C only.

AWG	CURRENT (A)
12	5.00
14	3.33
16	1.67

CONNECTION DIAGRAM



ELECTRONIC TIMER - SERIES STAIRCASE

