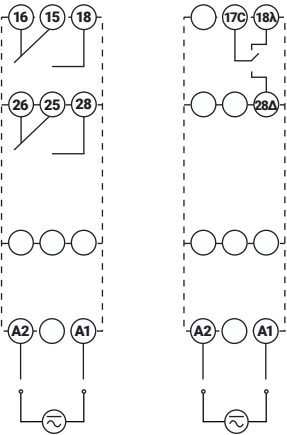
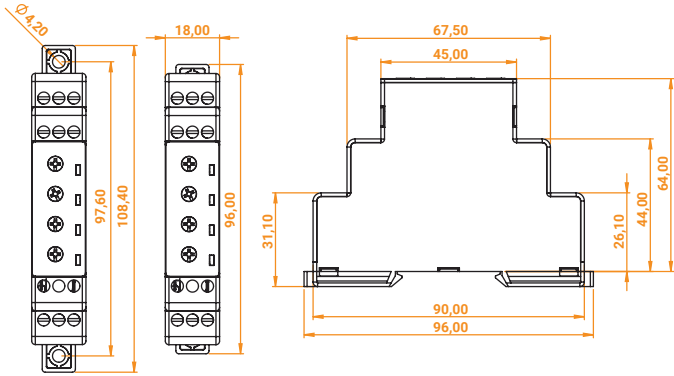


- » Sleek design with NEW 18 mm width in accordance with DIN norm
- » Conforms to IEC 61812-1
- » Wide power supply range
- » Wide and easily adjustable time range
- » LED notifications
- » High sensitivity and switching capacity
- » High mechanical endurance

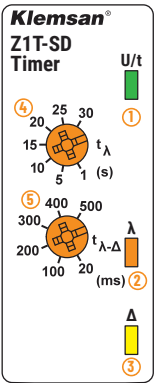
Type	Order No	Mode	Time Range
Z1T-LR2	261020	LR	0.1 sec .. 10 days
Z1T-SD	261021	SD	1 .. 30 sec, 20 .. 500 msec
Z1T-SD-500	261022	SD	1 .. 30 sec, 20 .. 500 msec

Operating Voltage	12..240V AC/DC ±10% 150..500V AC (for Z1T-SD-500)
Operating Frequency	45..65Hz
Power Consumption	DC < 1.5 W AC < 5 VA < 10 VA (for Z1T-SD-500)
Relay Outputs	Number and Type of Contacts 2 C/O (for Z1T-LR2) 2 NO (for Z1T-SD ve Z1T-SD-500) Maximum Switching (Voltage/Current/Power) 250VAC / 10A / 1250 VA 250VAC / 16A / 2000 VA (for Z1T-SD-500)
Cable Cross Section	2.5mm² / 14 AWG
Screw Tightening Torque	0.5 Nm
Cable Stripping Size (Min / Max)	8mm / 9mm
Operating Temperature Range	-20 / +60 °C
Protection Degree (IEC 60529)	IP 20

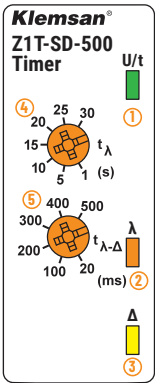


Z1T-LR2

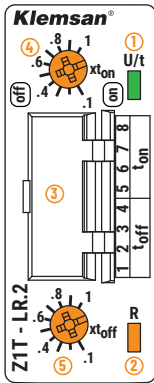
Z1T-SD
Z1T-SD-500



- ① Power Status LED
- ② Star Relay Status LED
- ③ Delta Relay Status LED
- ④ Time Adjustment for Star Connection
- ⑤ Time Adjustment for Between Star-Delta



- ① Power Status LED
- ② Star Relay Status LED
- ③ Delta Relay Status LED
- ④ Time Adjustment for Star Connection
- ⑤ Time Adjustment for Between Star-Delta



- ① Power Status LED
- ② Relay Status LED
- ③ Time Range Adjustment and Mod Selection Switches
- ④ "t_{on}" Delay Multiplier Adjustment Pot
- ⑤ "t_{off}" Delay Multiplier Adjustment Pot

OFF (0)	1	2	3	4	5	6	7	8
ON (1)	1	2	3	4	5	6	7	8
t _{off} (1,2,3,4), t _{on} (5,6,7,8)								
0000	: 1 second	1000	: 10 minute					
0001	: 5 second	1001	: 30 minute					
0010	: 10 second	1010	: 1 hour					
0011	: 20 second	1011	: 5 hour					
0100	: 30 second	1100	: 10 hour					
0101	: 60 second	1101	: 30 hour					
0110	: 100 second	1110	: 100 hour					
0111	: 5 minute	1111	: 10 day					

OPERATION MODE	FUNCTION ILLUSTRATION	FUNCTION STATEMENT
Left-Right Timer (mod: LR)		Initially first relay is energized. After the adjustable time delay t _{on} , relay is de-energized. Both relays are de-energized during adjustable time delay t _{off} . At the the end of toff, second relay energizes. Second relay stays in this position during ton. When ton finished both relays are de-energized. This cycle is repeated continuously.
Star-Delta Timer (mod: SD)		When energy applied to device, star relay is energized until the end of the adjustable t _λ time. At the end of the adjusted delay time t _{λ-Δ} , delta relay is energized until the device is powered off.