

- » Sleek design with NEW 18 mm width in accordance with DIN norm
- » Conforms to IEC 61812-1 + UL 508
- » Wide input power supply range
- » Wide and easily adjustable time range
- » LED notifications
- » High sensitivity and switching capacity
- » High mechanical endurance

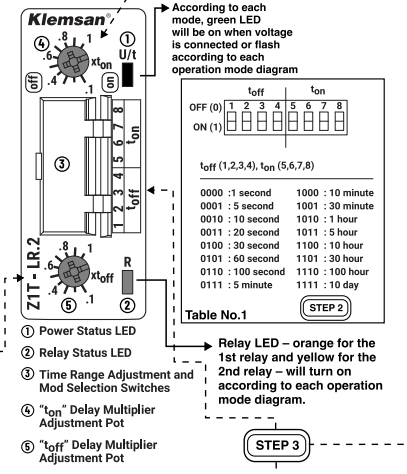
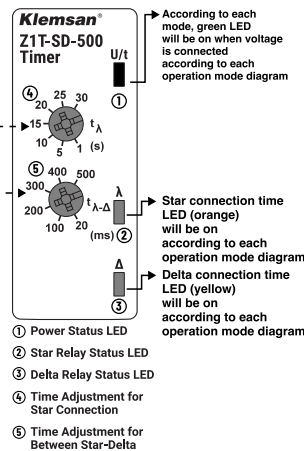
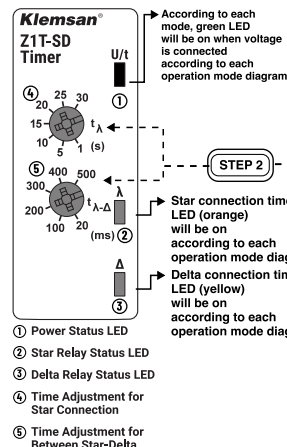
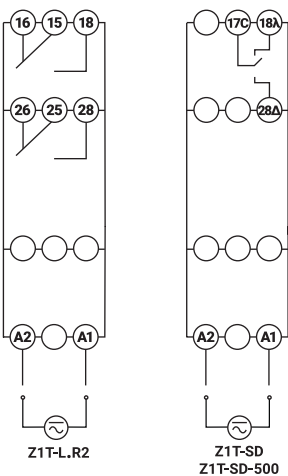
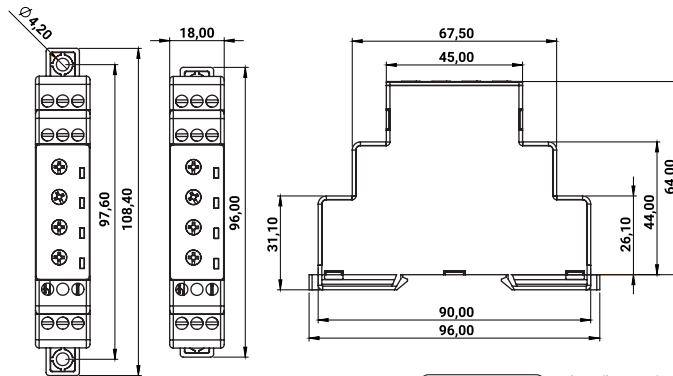
STEP 1

Model Name	Order No	Mode	Timing Range
Z1T-LR.2	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±10% (for Z1T-SD-500)
Operating Frequency	45..65Hz
Power Consumption	DC < 1.5 W AC < 5 VA < 40 VA (for Z1T-SD-500)
Relay Outputs	Number and Type of Contacts 2 C/O (for Z1T-LR.2) 2 NO (for Z1T-SD and Z1T-SD-500) Maximum Switching (Voltage/Current/Power) 250VAC / 10 A / 1250 VA
Cable Cross Section	2.5mm² / AWG 14-30 solid or stranded
Screw Tightening Torque	0.5 Nm / 4.5 lb-inch
Cable Stripping Size (Min / Max)	8mm / 9mm
Operating Temperature Range	-20 / +60 °C
Max Surrounding Air Temperature	60°C (55°C for Z1T-SD-500)
Protection Degree (IEC 60529)	IP 20
Pollution Degree	2

NOTE: Use 60/75°C copper (CU) wire only. (75°C for Z1T-SD-500)



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)							

USER ASSISTANT

SETTING THE TIMER RELAY Z1T-SD Z1T-SD-500

STEP 1 Check the device model name and understand which operating modes your device supports.

STEP 2 Set time range from the pots No.4 and No.5

Exmple → For t_λ = 20 seconds → Set pot no.4 to 20s
Exmple → For t_{λ-Δ} = 200 milliseconds → Set pot no.5 to 200 ms

Please disconnect the power before adjusting the timers, device will start with the new settings after connecting the power

USER ASSISTANT

SETTING THE TIMER RELAY Z1T - LR.2

STEP 1 Check the device model name and understand which operating modes your device supports.

STEP 2 Select the desired time adjustment by the mode selection switches N.3 For more information review Table No.1

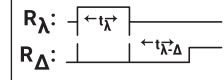
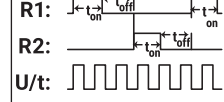
STEP 3 Set time t_{on} and t_{off} multiplier from the pots No.4 and No.5

Exmple → For t_{on} = 20 seconds → Mode (5,6,7,8)=0011, X_{t_{on}}=1
Exmple → For t_{off} = 1 hour → Mode (1,2,3,4)=1010, X_{t_{off}}=1

Please disconnect the power before adjusting the timers, device will start with the new settings after connecting the power

STEP 1

OPERATION MODE	FUNCTION ILLUSTRATION	FUNCTION STATEMENT
Mode: LR	Left-Right Timer	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.
Mode: SD	Star-Delta Timer	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.



- » DIN normuna uygun YENİ 18 mm genişliğinde şık tasarım
- » IEC 61812-1 standardına uygun + UL 508
- » Geniş çalışma gerilimi aralığı
- » Geniş ve kolay ayarlanabilir zaman aralığı
- » LED bildirimler
- » Yüksek hassasiyet ve anahtarlama dayanımı
- » Yüksek mekanik dayanıklılık

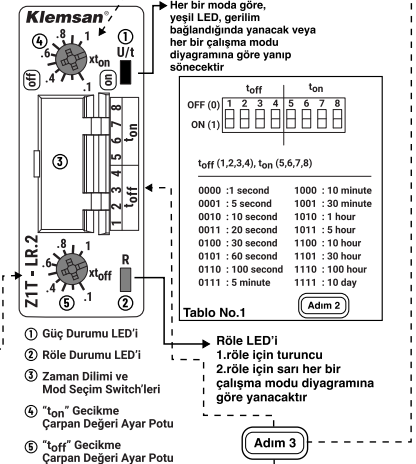
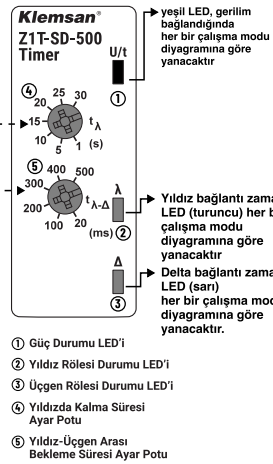
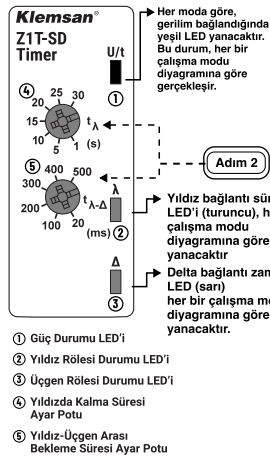
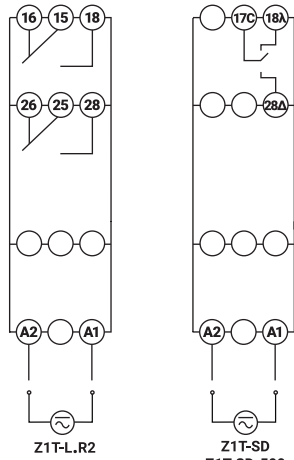
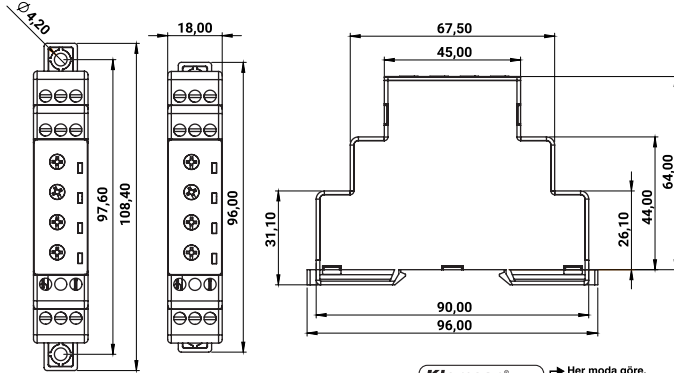
Adım 1

Ürün Adı	Sipariş No	Fonksiyon	Zaman Ayarı
Z1T-LR.2	261020	LR	0.1 sn .. 10 gün
Z1T-SD	261021	SD	1 .. 30 sn, 20 .. 500 msn
Z1T-SD-500	261022	SD	1 .. 30 sn, 20 .. 500 msn



Besleme Gerilimi	12..240V AC/DC ±10% 150..500V AC ±10% (for Z1T-SD-500)
Besleme Frekansı	45..65Hz
Güç Tüketimi	DC AC < 1.5 W < 5 VA < 40 VA (for Z1T-SD-500)
Röle Çıkışları	Kontak Sayısı ve Tipi Maksimum Anahtarlama Gerilim / Akım / Güç 2 C/O (for Z1T-LR.2) 2 NO (for Z1T-SD and Z1T-SD-500) 250VAC / 10A / 1250 VA
Kablo Kesiti	2.5mm² / AWG 14-30 tek damarlı veya çok damarlı
Vida Sıkma Torku	0.5 Nm / 4.5 lb-inch
Kablo Soyma Boyutu (Min / Max)	8mm / 9mm
Çalışma Sıcaklığı Aralığı	-20 / +60 °C
Maksimum Çevre Sıcaklığı	60°C (55°C for Z1T-SD-500)
Koruma Derecesi (IEC 60529)	IP 20
Kirlilik Derecesi	2

NOT: Yalnızca 60/75°C bakır (CU) kablo kullanınız. (Z1T-SD-500 için 75°C)



KULLANICI YARDIMCISI

ZAMAN RÖLESİNİN AYARLANMASI	Z1T-SD	Z1T-SD-500
Adım 1	Cihazın model adını kontrol edin ve cihazınızın hangi çalışma modlarını desteklediğini anlayın.	
Adım 2	Zaman aralığını No.4 ve No.5 potundan ayarlayın.	
Örnek	→ $t_{\lambda} = 20$ saniye → no.4 potunu 20s ayarlayın	
Örnek	→ $t_{\lambda-\Delta} = 200$ milisaniye → no.5 potunu 200 ms ayarlayın	
Zamanlayıcıları ayarlamadan önce gücü kesin. Cihaz, gücü tekrar bağladıktan sonra yeni ayarlarla çalışmaya başlayacaktır.		

KULLANICI YARDIMCISI

ZAMAN RÖLESİNİN AYARLANMASI	Z1T - LR.2
Adım 1	Cihazın model adını kontrol edin ve cihazınızın hangi çalışma modlarını desteklediğini anlayın.
Adım 2	İstenen zaman ayarını, No.3 numaralı mod seçim anahtarlarıyla seçin. Daha fazla bilgi için Tablo No.1'i inceleyin.
Adım 3	Zaman t_{on} ve t_{off} çarpanını No.4 ve No.5 potundan ayarlayın.
Örnek	→ $t_{on} = 20$ saniye → Mod (5,6,7,8)=0011, $Xt_{on} = 1$
Örnek	→ $t_{off} = 1$ saat → Mod (1,2,3,4)=1010, $Xt_{off} = 1$
Zamanlayıcıları ayarlamadan önce gücü kesin. Cihaz, gücü tekrar bağladıktan sonra yeni ayarlarla çalışmaya başlayacaktır.	