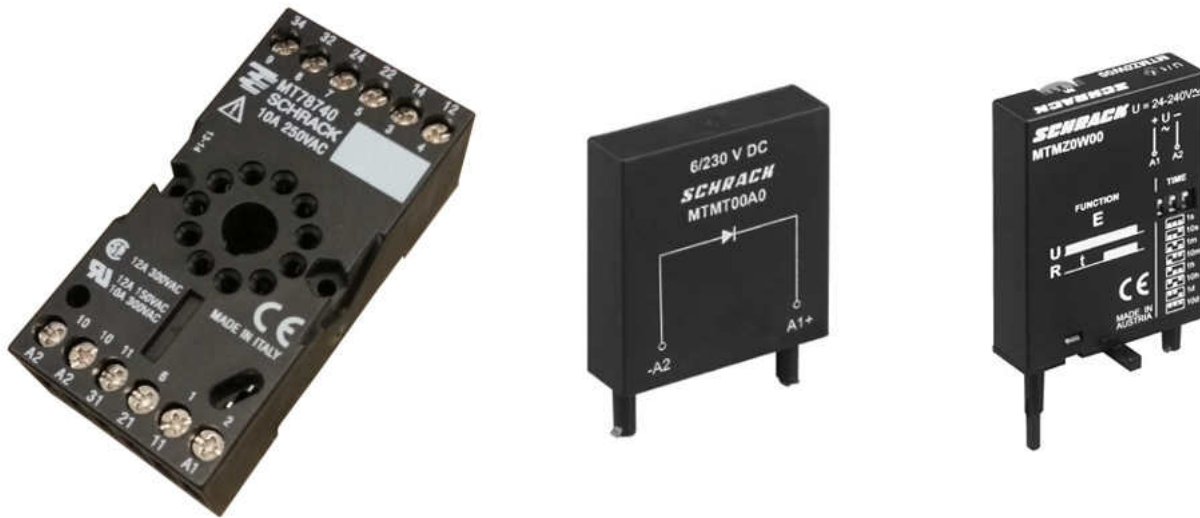


■ Data sheet: MT DIN-rail socket with screw-type terminals & accessories



■ SCHRACK-INFO

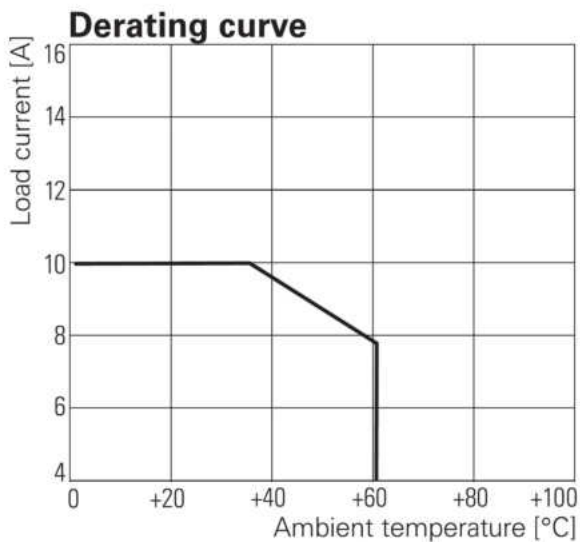
- Snap-on mounting on DIN-rail
- Screw mounting
- Pozidrive screws with rising clamp terminals
- Logical layout of input-/output connections
- White marking area
- Double A2 screw for simple further connection of coil supply

■ Technical data socket

Rated voltage/Max. switching voltage	240/400V AC
Rated current	10A
Dielectric strength	
Coil-contact circuit	2500V _{rms}
Open contact circuit	1500V _{rms}
Adjacent contact circuit	2500V _{rms}
Clearance / creepage coil-contact circuit	≥2,8/4mm
Material group of insulation parts	IIIa
Insulation to IEC 60664-1	
Coil-contact circuit	basic
Open contact circuit	functional
Adjacent contact circuit	basic
Rated insulation voltage	250V
Pollution degree	2
Rated voltage system	230/400 V
Overvoltage category	III

Ambient temperature range	-20...+80°C	
Terminals	Screw	
Terminals screw torque acc. IEC 61984	0,5 Nm (max. 0,7 Nm)	
Wire strip length	9 mm	
Wire cross section		
	Single wire	2 x 2,5 mm ²
	Fine wire	2 x 2,5 mm ²
	With bootlace crimp	1 x 2,5 mm ²
Insertion cycles	A (10)	
Max. Insertion Force total	100 N	
Mounting distance	≥0 mm, dense packing	
Weight	62g	

Derating curve



Technical data modules

Nominal voltage	24...240 V AC/DC
Mains frequency	48...63 Hz
Precision of time setting	+0,5 %
Readiness for repetition	≤ 0,5% or 5 ms
Influence of temperature	≤ 0,1 %/°C
Time range switchable	0,05 s ... 240 h in 8 ranges
Ambient temperature range	-25...+55°C

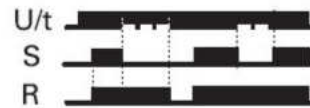
■ Module functions

Function

Delay ON



Delay OFF



single shot leading edge



single shot trailing edge



Delay ON

triggerd by signal contact



single shot



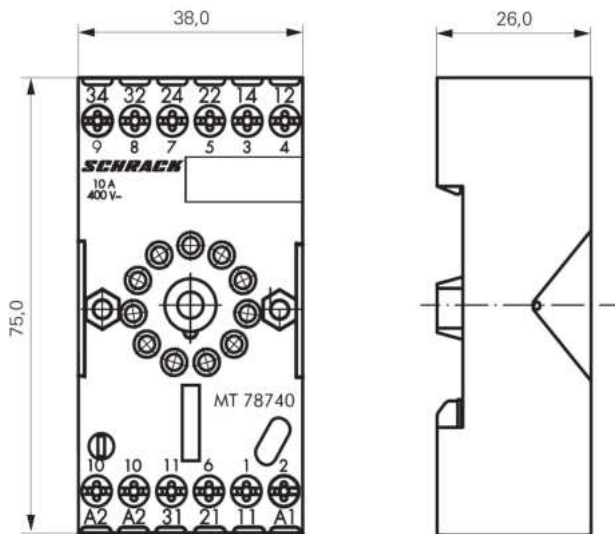
flasher starting with pause



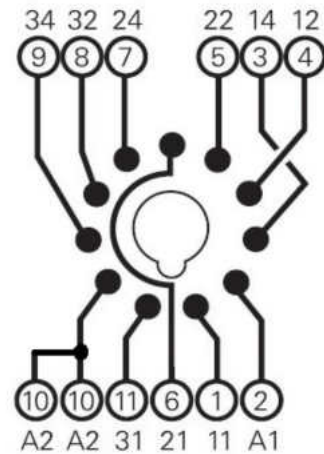
flasher starting with pulse



▀ Measurements (mm)



▀ Wiring diagram



▀ Articles

DIN-rail sockets with screw-type terminals

DESCRIPTION	ORDER NO.
1 1-pole socket with screw connection for 3-pole MT-relays	MT78740---
Protection diode module 1N4007 for socket MT78740	MTMT00A0--
Multifunction module for socket MT78740	MTMF0W00--
Single function module Delay ON for socket MT78740	MTMZ0W00--
RC-Network module 110-240V AC for socket MT78740	MTMU0730--
LED module red 24VAC/DC for socket MT78740	MTML0024--
Metal retaining clip	MT28800---