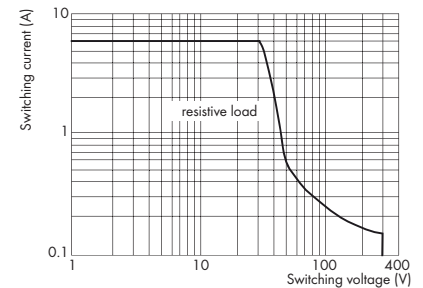
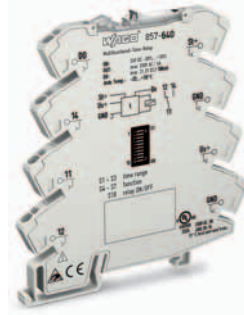
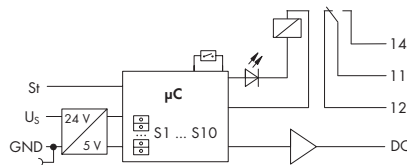


Multifunction time relay with 1 changeover contact (1u)
8 time ranges, 14 functions
Temperature range: -25 °C ... +70 °C
For railway applications

- 14 functions:
 - On-delay
 - On-delay with control input
 - Off-delay with control input
 - On- and off-delay with control input
 - Single-shot leading edge
 - Single-shot leading edge with control input
 - Single-shot trailing edge with control input
 - Single-shot leading and trailing edge with control input
 - On-delay and single-shot leading edge
 - On-delay and single-shot leading edge with control input
 - Step switching
 - Blinking, pulse start
 - Blinking, interval start
 - Relay switching
- Function and time range adjustable via DIP switch
- Digital output (DO): max. 31.2 VDC, 100 mA
- Control input: max. 31.2 VDC, min. pulse length 10 ms



DC load limit curve



Description	V _N	I _N	Item No.	Pack. Unit
Multifunction time relay, for DIN-rail	24 VDC	18 mA	857-640	1

Technical Data

Accessories see page 33

Coil:		
Input voltage range	V _N -30 % ... +30 %	
Power consumption at V _N	18 mA (active) / 4.5 mA (passive)	
Contacts:		
Contact material	AgNi	
Max. continuous current	6 A (up to 60 °C) 2 A (60 °C ... 70 °C)	
Max. switching voltage	250 VAC	
Max. switching power (resistive)	1500 VA AC, DC see load curve	
Recommended minimum load	10 VDC / 10 mA, 24 VDC / 1 mA	
Pull-in/drop-out/bounce time typ.	8ms / 4ms / -	
Mechanical life	5 x 10 ⁶ switching operations	
General specifications:		
Time range	adjustable: 0.01 ... 0.1 s; 0.1 ... 1 s; 1 ... 10 s; 10 ... 100 s; 1 ... 10 min; 10 ... 100 min; 1 ... 10 h; 10 ... 100 h	
Reset time	50 ms	
Nominal voltage to EN 60664-1	250 V / 2.5 kV / 2	
Dielectric strength, contact-coil (AC, 1 min)	2.5 kV _{rms}	
Dielectric strength open contact (AC, 1 min)	1 kV _{rms}	
Ambient operating temperature	-25 °C ... +70 °C	
Storage temperature	-40 °C ... +70 °C	
Dimensions (mm) W x H x L	6 x 96 x 94	
Wire connection	Height from upper-edge of DIN-rail Push-in CAGE CLAMP®	
Cross sections	0.34 ... 2.5 mm ² / 22 ... 14 AWG	
Strip lengths	9 ... 10 mm / 0.35 ... 0.39 in.	
Standards/specifications	EN 60664-1; EN 61812-1; EN 61373; EN50121-3-2	
Approvals	CE	