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22.5 mm DIN rail mounting TUR1 Part number 88865105



- Multi-function or mono-function
- Multi-range
- Multi-voltage
- Screw or spring terminals
- LED status indicator
- Option of connecting an external power supply to the control input
- 3-wire sensor control option

num	

Type Functions	Timing	Output	Nominal rating	Connections	Supply voltage
88 865 105 TUR1 A - At - B - C - H - Ht - Di - D - Ac - Bw	0,1s→100h	1 changeover relay	8 A	Screw terminals	24 V DC / 24 →240 V AC

Tilling	
Timing ranges (7 ranges)	1 s - 10 s - 1 min - 10 min - 1 h - 10 h - 100 h TK2R1 : 0.6s - 2.5s - 20s - 160 s
Repetition accuracy with constant parameters	± 0.5 % (IEC/EN 1812-1)
Drift Temperature	± 0,05 % / °C
Drift Voltage	± 0.2 % / V
Display accuracy according to IEC/EN 61812-1	± 10 % / 25 °C
Minimum pulse duration typically (relay version)	30 ms
Minimum pulse duration typically (solid state version)	50 ms
Minimum pulse duration typically (relay version under load)	100 ms
Maximum reset time by de-energisation typically (relay version)	100 ms
Maximum reset time by de-energisation typically (solid state version)	350 ms
Immunity from micro power cuts : typical	> 10 ms
Supply	*** TRADUCTION MANQUANTE ***
Multi-voltage power supply	Depending on version
Frequency (Hz)	50 / 60
Operating range	85 to 110 % Un (85 to 120 % Un for 12V AC/DC)
Operating factor	100 %
Max. absorbed power	0,6 W 24 V AC/DC 1,5 W 230 V AC 32 VA 230 V AC

Output specification

o alpar oposition and the second	
1 or 2 changeover relays, AgNi (cadmium-free)	2000 VA/80 W
Rated power	2000 VA/80 W
Maximum breaking current	8 A AC 8A DC
Minimum breaking current	10 mA / 5 V DC
Voltage breaking capacity	250 V AC/ DC
Electrical life (operations)	10 ⁵ operations 8 A 250 V resistive
Mechanical life (operations)	5x10 ⁶
Breakdown voltage acc. to IEC/EN 61812-1	2.5 kV /1 min / 1 mA / 50 Hz
Impulse voltage acc. to IEC/EN 60664-1, IEC/EN 61812-1	5 kV, wave 1.2 / 50 μs

Solid state output	
Rated power	0,7 A AC/DC
	20 °C (0,5 A UL)
Derating	5 mA / °C
Maximum admissible current	20 A ≤ 10 ms
Minimum breaking current	10 mA
Leakage current	< 5 mA
Voltage breaking capacity	250 V AC/ DC
Maximum voltage drop at terminals	3 wire 4V - 2 wire 8V
Electrical life (operations)	10 ⁸
Mechanical life (operations)	10 ⁸
Breakdown voltage acc. to IEC/EN 60664-1, IEC/EN 60255-5	2.5 kV to 1 mA / 1 min
Input type	Volt-free contact
	3-wire PNP output control option residual voltage: 0.4V whatever the timer power supply

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Genfarinity to standards ECEN 61800-6-2 ECEN 61000-6-2 ECEN 61000-6-3 ECEN 61000-6	0,00,00		
IECCN 61000-6-1 IECCN 61000-6-2 IECCN 61000-6-3 IECCN 61000-6-3 IECCN 61000-6-3 IECCN 61000-6-4 IECCN 61000-6-6 IECCN 6100	General characteristics		
Temperature limits user (°C) 20 → +60	Conformity to standards	IEC/EN 61000-6-1 IEC/EN 61000-6-2 IEC/EN 61000-6-3	
Temperature limits stored (**C) 30 → +60 Voltage surge category (acc. to IEC/EN 80689-1) Voltage surge category (acc. to IEC/EN 80589-1) Voltage acc. to IEC/EN 80589-1) Voltage acc. to IEC/EN 80589-1 Voltage acc. to IEC/EN	Certifications	CE, UL, cUL, CSA, GL	
Installation category (acc. to IEC/EN 60664-1) Creepage distance and clearance acc. to IEC/EN 60684-1 Protection (IEC/EN 60529) IP 40 Degree of protection acc. to IEC/EN 60529 Front face (acc. to IEC/EN 60529 Front face) IP 50 Vibration resistance dcc. to IEC/EN 60682-6 IP 50 Vibration resistance dcc. to IEC/EN 60682-6 IEC/EN 60682-6 IEC/EN 60682-6 IEC/EN 60682-6 Immunity to radiate, and-inequency, electromagnetic field acc. IEC/EN 61000-4-2 Immunity to radiate, radio-frequency, electromagnetic field acc. IEC/EN 61000-4-3 Immunity to rapid transent bursts acc. to IEC/EN 61000-4 Immunity to rapid transent bursts acc. to IEC/EN 61000-4-6 Immunity to radio frequency in common mode acc. to IEC/EN 61000-4-5 Immunity to radio frequency in common mode acc. to IEC/EN 61000-4-6 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4 Immunity to voltage of the acc. to IEC/EN 61000-4 Immunity to voltage of the acc. to IEC/EN 61000-4 Immunity to voltage and breaks acc. to IEC/EN 61000-4 Immunity to voltage of the acc. to IEC/EN 61000-4 Im	Temperature limits use (°C)	-20 	
Votage surge category Torespage distance and clearance acc. to IEC/EN 60684-1 Protection (IEC/EN 60529) Protection (IEC/EN 60529) Degree of protection acc. to IEC/EN 60529 Front face (except Tk2R1) Vibration resistance acc. to IEC/EN 60068-2-6 Relative humidity no condensation acc. to IEC/EN 60068-2 230 Electromagnetic compatibility - Immunity to electrostatic discharges acc to IEC/EN 60068-2 Immunity to radiated, radio-frequency, electromagnetic field acc. IEC/EN 61000-4-3 Immunity to radio frequency acc. to IEC/EN 61000-4-4 Immunity to radio frequency in common mode acc. to IEC/EN 61000-4-6 Immunity to votage dips and breaks acc. to IEC/EN 61000-4-6 Immunity to votage dips and breaks acc. to IEC/EN 61000-4-6 Immunity to votage dips and breaks acc. to IEC/EN 61000-4-6 Immunity to votage dips and breaks acc. to IEC/EN 61000-4-7 Immunity to votage acc acc acc. To EN 55022 (ISPR22), EN55011 (CISPR11) Adans-borne and radiated emissions acc. to EN 55022 (CISPR22), EN55011 (CISPR11) Spring terminals, 2 terminals per connection point - rigid vivie account of the protection capacity - with ferrule Spring terminals, 2 terminals per connection point - rigid vivie Housing material Votage acree acc. to IEC/EN 61000-4-6 Relative humidity no condensation acc. to EN 55022 Connection capacity - with ferrule 2 x 1,5 mm² Self-extinguishing Votage acc to IEC/EN 6100-6-6 IP 20 Level III (2 KV / common mode 2 KV/residual current mode 1 KV) Level III (2 KV / common mode 2 KV/residual current mode 1 KV) Level III (10 V rms : 0.15 M Hz to 80 M Hz) Connection capacity - without ferrule 2 x 2,5 mm² Connection capacity - with ferrule Spring terminals, 2 terminals per connection point - rigid vivie Housing material Self-extinguishing	Temperature limits stored (°C)	-30 ->+6 0	
Protection (IEC/EN 60529) IP 20 IP 40 Degree of protection acc. to IEC/EN 60529 Front face (except Tk2R1) Vibration resistance acc. to IEC/EN 60068-2-6 Relative humidity no condensation acc. to IEC/EN 60068-2-30 Electromagnetic compatibility - Immunity to electrostatic discharges acc to IEC/EN 60068-2-30 Electromagnetic compatibility - Immunity to electrostatic discharges acc to IEC/EN 60004-2 Immunity to radiated, radio-frequency, electromagnetic filed acc. IEC/EN 61000-4-3 Immunity to rapid transient bursts acc. to IEC/EN 61000-4-4 Immunity to rapid transient bursts acc. to IEC/EN 61000-4-5 Immunity to varior frequency in common mode acc. to IEC/EN 61000-4-6 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-6 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-6 Immunity to voltage acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-6 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-6 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-6 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-6 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-6 Immunity to voltage dips and breaks acc. to IEC/EN 61000-6-6 Immunity to radio		Voltage surge category	
Degree of protection acc. to IEC/EN 60529 Front face (except Tk2R1) Vibration resistance acc. to IEC/EN 60088-2-6 Relative humidity no condensation acc. to IEC/EN 60088 2-30 Self-early to condensation acc. to IEC/EN 60088 2-30 Self-early to radio frequency, electromagnetic field acc. IEC/EN 61000-4-3 Immunity to radio frequency, electromagnetic field acc. IEC/EN 61000-4-5 Immunity to radio frequency in common mode acc. to IEC/EN 61000-4-5 Immunity to radio frequency in common mode acc. to IEC/EN 61000-4-5 Immunity to valiage dips and breaks acc. to IEC/EN 61000-4-5 Mains-borne and radiated emissions acc. to EN 55022 (CISPR22, EN5011 (CISPR11) Fixing: Symmetrical DIN rail Connection capacity - with ferrule Spring terminals, 2 terminals per connection point - fiesble wire Housing material P 40 If = 10 * 55 Hz A = 0.35 mm A = 0.35 mm Level III (Air 8 KV / Contact 6 KV) Level III (Air 8 KV / Contact 6 KV) Level III (10 Y/m (80 M Hz to 1 G Hz) Level III (10 Y/m (80 M Hz to 1 G Hz) Level III (10 Y/m so 0.15 M Hz to 80 M Hz) Level III (10 Y ms : 0.15 M Hz to 80 M Hz) Level III (10 Y ms : 0.15 M Hz to 80 M Hz) Class B Self-extinguishing	Creepage distance and clearance acc. to IEC/EN 60664-1	4 kV / 3	
Degree of protection acc. to IEC/EN 60529 Front face (except TkZR1) IP 50 Vibration resistance acc. to IEC/EN 60068-2-6 Relative humidity no condensation acc. to IEC/EN 60068-2-30 Electromagnetic compatibility - Immunity to electrostatic discharges acc to IEC/EN 61000-4-2 Immunity to radiated, radio-frequency, electromagnetic field acc. IEC/EN 61000-4-3 Immunity to radiated, radio-frequency, electromagnetic field acc. IEC/EN 61000-4-3 Immunity to radio transient bursts acc. to IEC/EN 61000-4-4 Immunity to shock waves on power supply acc. to IEC/EN 61000-4-5 Immunity to shock waves on power supply acc. to IEC/EN 61000-4-5 Immunity to ordio frequency in common mode acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips acc. to IEC/EN 61000-4-4 Immunity to voltage to IEC/EN 6100-4-5	Protection (IEC/EN 60529)	IP 20	
Poblic		IP 40	
acc. to IEC/EN 60068-2-6 Relative humidity no condensation acc. to IEC/EN 60088-2-30 Say sans condensation Electromagnetic compatibility - Immunity to electrostatic discharges acc to IEC/EN 61000-4-2 Immunity to radiated, radio-frequency, electromagnetic field acc. IEC/EN 61000-4-3 Immunity to rapid transient bursts acc. to IEC/EN 61000-4-3 Immunity to rapid transient bursts acc. to IEC/EN 61000-4-5 Immunity to shock waves on power supply acc. to IEC/EN 61000-4-5 Immunity to radio frequency in common mode acc. to IEC/EN 61000-4-6 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-1 Immunity to voltage dips and breaks acc. to IE		IP 50	
Relative humidity no condensation acc. to IEC/EN 60068-2-30 Electromagnetic compatibility - Immunity to electrostatic discharges acc to IEC/EN 61000-4-2 Immunity to radiated, radio-frequency, electromagnetic field acc. IEC/EN 61000-4-3 Immunity to rapid transient bursts acc. to IEC/EN 61000-4-5 Immunity to shock waves on power supply acc. to IEC/EN 61000-4-5 Immunity to radio frequency in common mode acc. to IEC/EN 61000-4-5 Immunity to radio frequency in common mode acc. to IEC/EN 61000-4-5 Immunity to valiage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-1 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-30-9%/100 ms > 95 %/15 s Mains-borne and radiated emissions acc. to EN 55022 Class B Glass B Connection capacity - without ferrule 2 x 2.5 mm² 2 x 1,5 mm² Spring terminals, 2 terminals per connection point - rigid wire Housing material Self-extinguishing	Vibration resistance	f = 10 • 55 Hz	
2-30 95 % sans concensation 95 % sans concensation 1 1 1 1 1 1 1 1 1		A = 0,35 mm	
Immunity to radiated, radio-frequency, electromagnetic field ace. IE/CEN 61000-4-3 Immunity to rapid transient bursts acc. to IEC/EN 61000-4-4 Immunity to shock waves on power supply acc. to IEC/EN 61000-4-5 Immunity to radio frequency in common mode acc. to IEC/EN 61000-4-5 Immunity to radio frequency in common mode acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Mains-borne and radiated emissions acc. to EN 55022 (ISPR22), EN55011 (CISPR11) Fixing: Symmetrical DIN ral Connection capacity - with terrule Spring terminals, 2 terminals per connection point - flexible wire Housing material Level III (4rr 8 KV / Connact 6 KV) Level III (4rr 8 KV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (2 KV / common mode 2 KV/residual current mode 1KV) Level III (10V rms : 0.15 M Hz to 80 M Hz) 30 %/10 ms 60 %/100 ms > 95 %/5 s Class B Class B Class B Connection capacity - without ferrule 2 x 2,5 mm² Spring terminals, 2 terminals per connection point - flexible wire Spring terminals, 2 terminals per connection point - rigid wire 4. Evel III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupling clamp 1 KV) Level III (direct 2kV / Capacitive coupl		93 % sans condensation	
Immunity to rapid transient bursts acc. to IEC/EN 61000-4-4 Immunity to shock waves on power supply acc. to IEC/EN 61000-4-5 Immunity to radio frequency in common mode acc. to IEC/EN 61000-4-5 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Mains-borne and radiated emissions acc. to EN 55022 (CISPR22), EN55011 (CISPR11) Fixing: Symmetrical DIN rail Connection capacity - without ferrule 2 x 2,5 mm² Spring terminals, 2 terminals per connection point - flexible wire Housing material Level III (10V rm 12 to 16 Hz) Level III (2 KV / common mode 2 KV/residual current mode 1 KV) Level III (10V rms: 0.15 M Hz to 80 M Hz) Level III (10V rms: 0.15		Level III (Air 8 KV / Contact 6 KV)	
Immunity to shock waves on power supply acc. to IEC/EN 61000-4-5 Immunity to radio frequency in common mode acc. to IEC/EN 61000-4-6 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Immunity to voltage dips and breaks acc. to IEC/EN 61000-4-11 Mains-borne and radiated emissions acc. to EN 55022 (CISPR22), EN55011 (CISPR11) Fixing: Symmetrical DIN rail Connection capacity - without ferrule 2 x 2,5 mm² Spring terminals, 2 terminals per connection point - flexible wire Housing material Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 1 kV) Level III (direct 2kV / Capacitive coupling clamp 2 kV / capacitive coupling camp 2 kV / capacitive		Level III 10V/m (80 M Hz to 1 G Hz)	
Level III (2 KV / common mode 2 KV / residual current mode 1 KV)		Level III (direct 2kV / Capacitive coupling clamp 1 KV)	
Immunity to voltage dips and breaks acc. to IEC/EN 61000- 4-11 30 %/10 ms 60 %/100 ms > 95 %/5 s Mains-borne and radiated emissions acc. to EN 55022 (CISPR22), EN55011 (CISPR11) Fixing: Symmetrical DIN rail Connection capacity - without ferrule Connection capacity - with ferrule 2 x 2,5 mm² Spring terminals, 2 terminals per connection point - flexible wire Spring terminals, 2 terminals per connection point - rigid wire Housing material Level III (10V rms : 0.15 M Hz to 80 M Hz) 30 %/10 ms 60 %/100 ms > 95 %/5 s Class B Class B 2 x 2,5 mm² 2 x 2,5 mm² 2 x 1,5 mm² 2,5 mm² Self-extinguishing		Level III (2 KV / common mode 2 KV/residual current mode 1KV)	
4-11 60 %/100 ms > 95 %/5 s Mains-borne and radiated emissions acc. to EN 55022 (CISPR22), EN55011 (CISPR11) Class B Fixing: Symmetrical DIN rail 35 mm Connection capacity - without ferrule 2 x 2,5 mm² Connection capacity - with ferrule 2 x 1,5 mm² Spring terminals, 2 terminals per connection point - flexible wire 5pring terminals, 2 terminals per connection point - rigid wire 4print 2,5 mm² Housing material Self-extinguishing 5elf-extinguishing		Level III (10V rms : 0.15 M Hz to 80 M Hz)	
Class B Fixing: Symmetrical DIN rail 35 mm Connection capacity - without ferrule 2 x 2,5 mm² Connection capacity - with ferrule 2 x 1,5 mm² Spring terminals, 2 terminals per connection point - flexible wire 1,5 mm² Spring terminals, 2 terminals per connection point - rigid wire 2,5 mm² Housing material Self-extinguishing		60 %/100 ms >	
Connection capacity - without ferrule 2 x 2,5 mm ² Connection capacity - with ferrule 2 x 1,5 mm ² Spring terminals, 2 terminals per connection point - flexible wire 1,5 mm ² Spring terminals, 2 terminals per connection point - rigid wire 2,5 mm ² Housing material Self-extinguishing		Class B	
Connection capacity - with ferrule 2 x 1,5 mm ² Spring terminals, 2 terminals per connection point - flexible wire 1,5 mm ² Spring terminals, 2 terminals per connection point - rigid wire 2,5 mm ² Housing material Self-extinguishing	Fixing : Symmetrical DIN rail	35 mm	
Spring terminals, 2 terminals per connection point - 1,5 mm ² Spring terminals, 2 terminals per connection point - rigid wire Housing material 2,5 mm ² Self-extinguishing	Connection capacity - without ferrule	2 x 2,5 mm ²	
Spring terminals, 2 terminals per connection point - flexible wire Spring terminals, 2 terminals per connection point - rigid wire Housing material 1,5 mm² 2,5 mm² Self-extinguishing	Connection capacity - with ferrule	2 x 1,5 mm ²	
wire 2,5 mm Housing material Self-extinguishing			
·		2,5 mm ²	
Weight: casing 17,5 mm 60 g	Housing material	Self-extinguishing	
	Weight : casing 17,5 mm	60 g	
Weight: casing 22,5 mm 90 g	Weight : casing 22,5 mm	90 g	
Weight: plug-in casing 80 g	Weight : plug-in casing	80 g	

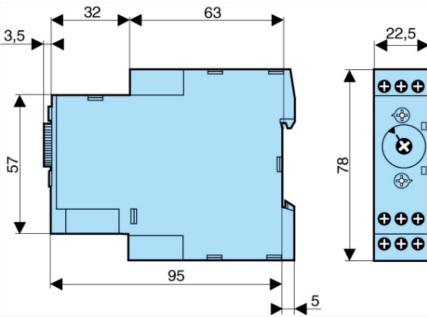
90

- Display
 State displayed by 2 LEDs
 Flashing green when on
 Relay LED yellow during timing
 Green LED operation indicator
 Pulsing:
 Timer on, no timing in process
 Permanently lit:

Permanently lit :

- Relay waiting, no timing in process

Dimensions (mm)



Curves

Function A - 1 relay output

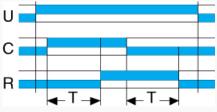


Function A

Delay on energisation

Curves

Function Ac - 1 relay output

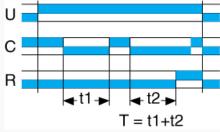


Function Ac

Timing after closing and opening of control contact

Curves

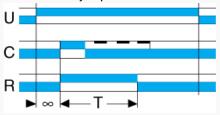
Function At - 1 relay output



Function At

Curves

Fonction B - 1 relay output

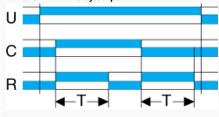


Function B

Timing on impulse one shot

Curves

Function Bw - 1 relay output

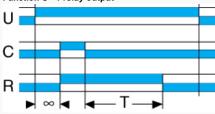


Function Bw

Pulse output (adjustable)

Curves

Function C - 1 relay output

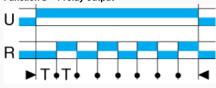


Function C

Timing after impulse

Curves

Function D - 1 relay output

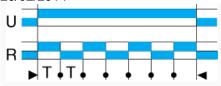


Function D

Flip-flop Pause start

Curves

Function Di - 1 relay output

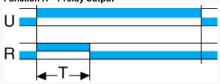


Function Di

Flip-flop Pulse start

Curves

Function H - 1 relay output

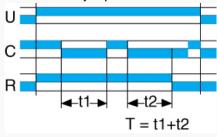


Function H

Timing on energisation

Curves

Function Ht - 1 relay output

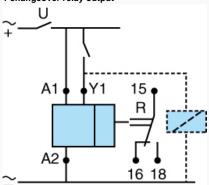


Function Ht

Delay on energisation with memory

Connections

1 changeover relay output



Functions

A - At - B - C - H - Ht - Di - D - Ac - Bw Ad - Ah - N - O - P - Pt - TL - Tt - W

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Crouzet: 88865105