



Fastron
Electronics

Double delay time relay

General

- Applications
 - For gradual switching of heavy powers (e.g. el. heating), prevents current strokes in the main.
- Function Features
 - 2x Delay ON (2 time relays in one)
 - Time scale 0.1s - 10 days divided into 10 time ranges:
0.1s - 1s / 1s - 10s / 0.1min - 1min / 1min - 10min / 0.1h - 1h / 1h - 10hrs / 0.1 day - 1 day / 1 day - 10 days / ON / OFF.
 - Times t1 and t2 are independantly adjustable.
 - t1 and t2 are switched on after supply voltage connection
 - Relay status is indicated by LED.
 - 1-MODULE, DIN rail mounting.

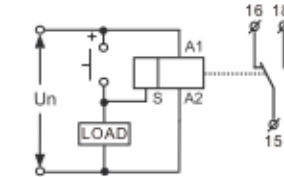
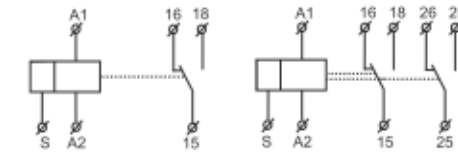
■ Model and connotation



Technical parameters

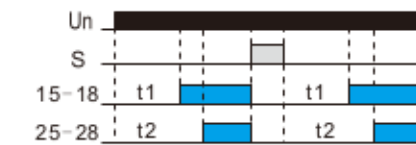
Technical parameters	FRT8-2T
Function	2x Delay ON
Supply terminals	A1-A2
Voltage range	AC/DC 12-240V(50-60Hz)
Burden	AC 0.7-3VA/DC 0.5-1.7W
Voltage range	AC 230V(50-60Hz)
Power input	AC max. 12VA/1.9W
Supply voltage tolerance	-15%; +10%
Supply indication	green LED
Time ranges	0.1s-10days, ON, OFF
Time setting	potentionmeter
Time deviation	5%-mechanical setting
Repeat accuracy	0.2%-set value stability
Temperature coecient	0.05%/°C, at=20°C(0.05%/°F, at=68°F)
Output	2× SPDT
Current rating	16A/ AC1
Switching voltage	250VAC/24VDC
Min.breaking capacity DC	500mW
Output indication	red LED
Mechanical life	1×10 ⁷
Electrical life(AC1)	1×10 ⁶
Reset time	max.200ms
Operating temperature	-20°C to +55°C (-4°F to 131°F)
Storage temperature	-35°C to +75°C (-22°F to 158°F)
Mounting/DIN rail	Din rail EN/IEC 60715
Protection degree	IP40 for front panel/IP20 terminals
Operating position	any
Overvoltage cathegory	III.
Pollution degree	2
Max.cable size(mm ²)	solid wire max.1×2.5 or 2×1.5/ with sleeve max.1×2.5(AWG 12)
Dimensions	90×18×64mm
Weight	W240-82g, A230-82g
Standards	IEC/EN 61812-1, IEC/EN 61010-1

Wiring Diagram

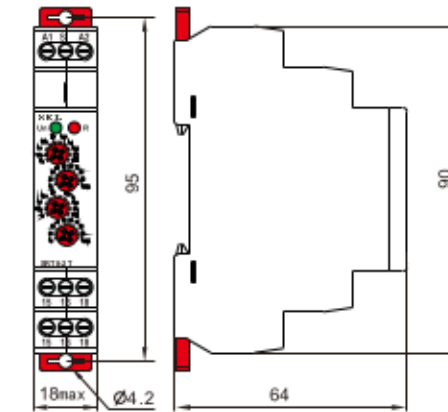


It is possible to connect load between S-A2(e.g. contactor, control of light or any other device, without disturbing a correctgunction of relay (load is energized while the switch is ON.)

Functions Diagram



Dimensions(mm)



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- Process Control

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