

Delay OFF without supply voltage



General

- Applications
 - Back-up source for Delay OFF in case of voltage failure (emergency lighting, emergency respirator, or protection of el. controlled doors - in case of fire).
- Function Features
 - Time range (adjustable by rotary switch and fine setting by potentiometer): 0.1 s - 10 min.
 - Voltage range: AC/DC 12-240V, clamp terminals.
 - Relay status is indicated by LED.
 - 1-MODULE, DIN rail mounting.

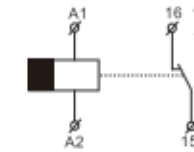
■ Model and connotation



Technical parameters

Technical parameters	FRT8-D
Function	Delay OFF without supply power
Supply terminals	A1-A2
Voltage range	AC/DC 12-240V(50-60Hz)
Burden	AC 0.7-3VA/DC 0.5-1.7W
Supply voltage tolerance	-15%;+10%
Supply indication	green LED
Time ranges	0.1s-10min
Time setting	potentionmeter
Time deviation	5%-mechanical setting
Repeat accuracy	0.2%-set value stability
Minimum power time	200ms
Temperature coecient	0.05%/°C, at=20°C(0.05%/°F, at=68°F)
Output	1× 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 ⁵
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	66g
Standards	IEC/EN 61812-1, IEC/EN61010-1

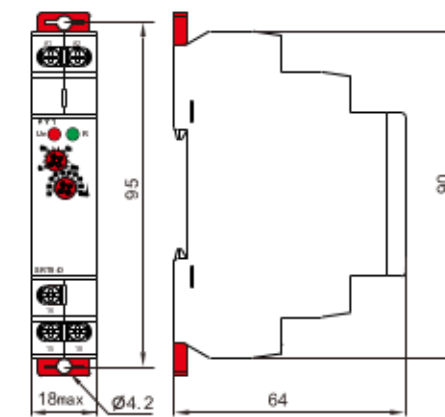
Wiring Diagram



Functions Diagram



Dimensions(mm)



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- Electrical Measurement
- Process Control

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