
Sentry Safety Relay

Single/Dual Channel Safety Relay

Continuous Operation

- 3-color LEDs allow for more status messages and simplify troubleshooting. Models with display offer preset configurations and extensive fault information
- Advanced timer functions with an accuracy better than 1% minimize unnecessary downtime
- Multi-reset function enables reset of up to 10 Sentry safety relays using just one reset button

Optimized Logistics

- Single Safety Relay for all common safety applications reduces stock and saves warehouse space
- Multi-voltage models offer more flexibility and less stock
- All models are only 22.5 mm wide, even models with 4 NO outputs

Easy to Install

- Detachable terminal blocks speeds up connection and replacement
- Manual or automatic reset easily selectable by switch
- Powerful outputs simplify installation by saving the use of an intermediary contactor



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BSR10 BSR11 BSR23

BSR Basic Safety Relays

Cost effective safety relays for basic applications such as emergency stops and expansion of safety outputs



SSR10 SSR10M SSR20 SSR20M SSR32 SSR42

SSR Single Function Safety Relays

Easy-to-use safety relays designed for specific applications such as 1 or 2 channel devices, OSSD devices and two-hand devices



TSR10 TSR20 TSR20M

TSR Timer Safety Relays

Advanced safety timers with excellent accuracy



USR10 USR22

USR (Configurable) Universal Safety Relays

The USR safety relay can be configured to combine all the functions of a BSR, TSR or SSR safety relay

Sentry's with M at the end of the end of the model number can operate at 85-265 VAC/ 120-275 VDC The Sentry's without a M at the end of the model number are 24VDC

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Dual Channel Safety Relay



Type	Part Number	Voltage	Timer	Safety Outputs	Manual Reset	Two Hand Device	Contact Mat Bumper	2 channel OSSD	2 channels with 1NO & 1NC contacts	2 channel with 1NC & 1NC Contacts	1 channel contact
BSR10	2TLA010040R0000	24 VDC	No	3NO+1NC	No				a)	X	X
TSR20	2TLA010061R0000	24 VDC	Off Delay .5 & 1.5 s	3NO+1NC	No			X		X	X
TSR20M	2TLA010061R0100	c) AC/DC	Off Delay .5 & 1.5 s	3NO+1NC	No						X
TSR10	2TLA010060R0000	24 VDC	0-999s b)	3NO+1NC	No			X		X	X
BSR11	2TLA010040R0200	24 VDC	No	4NO	No				a)	X	X
BSR23	2TLA010041R0600	24 VDC	No	4NO+1NC	No					X	X
SSR32	2TLA010052R0400	24 VDC	Off Delay .5 s	2NO+2NO Delayed	Yes			X		X	X
SSR42	2TLA010053R0400	24 VDC	Off Delay 1.5 s	2NO+2NO Delayed	Yes			X		X	X
USR22 d)	2TLA010070R0400	24 VDC	0-999s b)	2NO+2NO Delayed	Yes					X	X
SSR10	2TLA010050R0000	24 VDC	No	3NO+1NC	Yes			X		X	X
SSR20	2TLA010051R0000	24 VDC	No	3NO+1NC	Yes	X				X	X
SSR10M	2TLA010050R0100	c) AC/DC	No	3NO+1NC	Yes					X	X
SSR20M	2TLA010051R0100	c) AC/DC	No	3NO+1NC	Yes	X				X	X
USR10	2TLA010070R0000	24 VDC	0-999s b)	3NO+1NC	Yes	X	X	X	X	X	X
USR22 d)	2TLA010070R0400	24 VDC	No	4NO	Yes	X	X	X	X	X	X

- a): No monitoring of two-channel fault, ie max Category 3 without fault exclusion
- b): Off-delay, On-delay, Time bypass or Time reset
Configurable model with display
- c): 85-265 VAC/ 120-275 VDC
- d): USR22 is shown twice because it can be configured in multiple ways

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