

Safety Relays

Category 4 Application

Relay With Safe Time Delayed Outputs

SAFE T Types -

SAFE TN

Simultaneity = 1 Sec.

Reset Time = 0.5-0.6 Sec

Relay can not be reset during timed cycle.

SAFE TA

Simultaneity = 3 Sec.

Reset Time = 0.5-0.6 Sec

Relay can be reset during timed cycle.

SAFE TR

Simultaneity = 3 Sec.

Relay can be reset during timed cycle.

SAFE TU

Simultaneity = Infinite

Reset Time = 0.5-0.6 Sec

Relay can be reset during timed cycle.

SAFE T Series

Used With Locking Switches
to Delay Access on Machine with Inertia

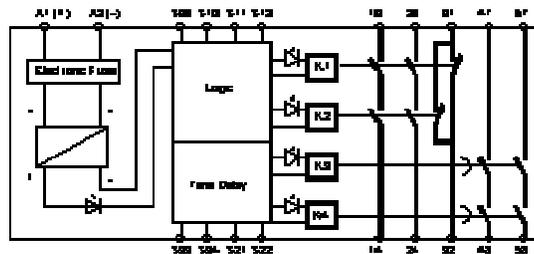
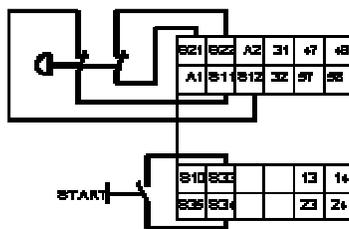


When emergency stop is activated, 2 NO contacts immediately open, 2 additional contacts open after a preset time delay.

This redundant time delay can be set from 0.005 to 600 S, in 64 steps.

Both timers must be set the same.

Connection Diagram



Part Numbers	
Operation Voltage	24V AC/DC
Output Contacts	2 NO Safety, 2 Delayed NO Safety
Max. Contact Capacity	6A (AC or DC)
Min. Contact Capacity	10 mA
Switching Capacity	1500 VA (Resistive Load)
Power Consumption	6.5 W / 13 VA
Start Up Delay / Fallback	Time Delay=.5-.6S / Non Delay<50ms
Simultaneity	TN=1S / TA-TR=3S / TU=inf
Security	10A quick acting or 6A time lag
Temperature Range	-25°C to +55°C
Approvals	CE, TUV, UL, cUL