

# 7S1690240420

Finder 7S Series Safety Relay Forcibly Guided 6A 24V DC Coil 4  
N.O. 2 N.C. Contacts



GENERAL PURPOSE RELAYS



Component type	Switching relay
Range	Safety Relay
Model	N/A
Alternative	7S1690245420

The Finder range of safety relays are a reliable safety solution for industrial control and automation applications. Built with forcibly guided contacts and available in various contact configurations and contact material options with wide output current range for high level performance and flexibility. Ideal for designing and commissioning SIL2 and SIL3 functional safety systems.

## ELECTRICAL

Nominal current	6 A
Nominal voltage AC	250 V
Number of contacts as normally closed contact	4
Number of contacts as normally open contact	2
Rated switching power at AC-1	1500 VA
Rated switching power at AC-15, 230V	700 VA
Breaking capacity at DC-1, 30V	6 A
Breaking capacity at DC-1, 110V	0.6 A
Voltage type for actuating	DC
Control supply voltage $U_s$ at DC	24 V
Rated control supply voltage $U_s$ at DC	16.8-30 V
Type of electric connection	Spring clamp connection
Electrical life at $U_n$ , $I_n$ (service cycles)	100000 cycles

## CONSTRUCTION

Degree of protection (IP)	IP20
Mechanical life (service cycles)	1.0E7 cycles
Max. shock acceleration	20 g
Max. shock duration	8 ms
Max. vibration acceleration	10 m/s <sup>2</sup>
Max. vibration frequency, operational	200 Hz
With detachable clamps	No

## MECHANICAL

## DIMENSIONS

Width	22.5 mm
Height	78.8 mm
Depth	96 mm

## ENVIRONMENT

Operating temperature	-40...70 °C
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## DIMENSIONAL DIAGRAM

