7S1681200420

Finder 7S Series Safety Relay Forcibly Guided 6A 120V AC Coil 4 N.O. 2 N.C. Contacts

GENERAL PURPOSE RELAYS



Component type	Switching relay
Range	Safety Relay
Model	N/A
Alternative	7S1681205420PAS

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
	Control supply voltage Us at AC 50HZ	120 V
	Control supply voltage Us at AC 60HZ	120 V
	Electrical life at Un, In (service cycles)	100000 cycles
	Operating voltage	93-138 V
CONSTRUCTION	IP rating	IP20
MECHANICAL	Mechanical life (service cycles)	1.0E7 cycles
	Max. shock acceleration	20 g
	Max. shock duration	8 ms
	Max. vibration acceleration	10 m/s²
	Max. vibration frequency, operational	200 Hz
ENVIRONMENT	Operating temperature	-40…70 °C

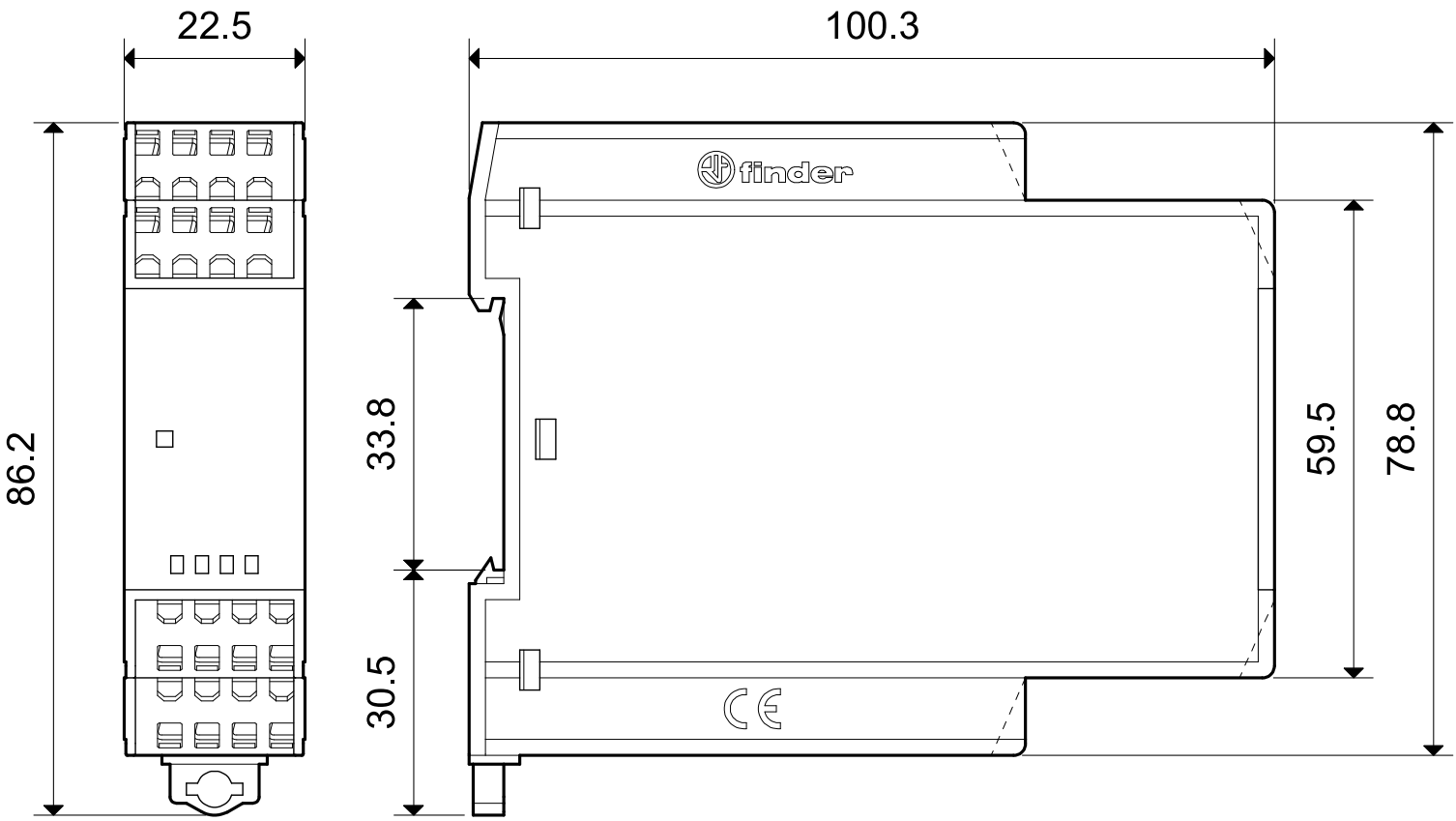
Published on 11 September 2026

7S1681200420

Finder 7S Series Safety Relay Forcibly Guided 6A 120V AC Coil 4 N.O. 2 N.C. Contacts

GENERAL PURPOSE RELAYS

DIMENSIONAL DIAGRAM



Published on 11 September 2026