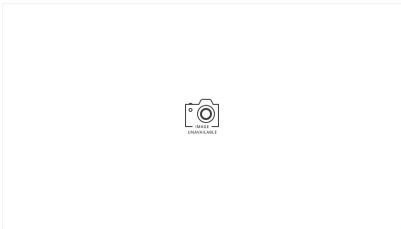




<https://www.rockwellautomation.com/en-us/products/details.700S-EF530EJC.html>



Catalog #: 700S-EF530EJC Preferred Availability

Safety IEC Control Relay, 5 NO 3 NC Contacts, 24-60V 50-60 Hz/20-60V DC Low Consumption, Permanently Fixed Contacts

Lifecycle status: ACTIVE

Technical Specifications

Electrical

Voltage type for actuating	AC/DC
Rated control supply voltage at DC	20 V
Rated control supply voltage at AC 50 Hz	24 V
Rated control supply voltage at AC 60 Hz	24 V
Mounting method	DIN-rail/screw
Number of contact as normally closed	3
Number of contact as normally open	5
Contact form	8 poles
Rated frequency	50/60 Hz
Rated insulation voltage (Ui)	690V per IEC
Operating limits, dropout	(≤0.60) x Us @ DC control
AC coil voltage	6 A @ 24-48V, AC-15
Operating limits, pick-up	(0.85...1.1) x Us @ 50/60 Hz
Energy-efficient coil, hold-in	1.7VA/1.7 W @ 24-60V AC, 20-60V DC
Rated voltage (Ue)	24, 48, 120, 230, 400, 500, 690V AC
Energy-efficient coil, pick-up	16VA/12...16 W @ 24-60V AC, 20-60V DC
Rated thermal current (Ith)	Main contacts: 16 A @ ≤40 °C, AC-12
Rated impulse strength (Uimp)	6 kV
Dielectric withstand	2.5 kV

Load	12V, 3 mA (Silver), minimum
Electric service life	1.5 million (AC-15 240V, 3 A)
Coil voltage pickup	85...110% AC coils, 80...110% DC coils
Type of protection	IP2X (IEC 60529 and DIN 40050), in connected state

Mechanical

Operating time, closing delay	40 ms
Connection type	Screw connection
Operating time, opening delay	11 to 95 ms
Contact material	Silver
Shock resistance	IEC 60068-2: Half sinusoidal shock 11 ms, 25G (in 3 directions)
Suitable for manual operation	No
Mechanical life	20 mil
Vibration resistance	IEC 60068-2: static >2 G, in normal position no malfunction <5 G
Features	Mechanically linked contacts, Timer and latch operations, Switch up to 690V AC and DC

Construction

Height	Approximate 86 mm
Length	Approximate 45 mm
Width	Approximate 110.5 mm

Environmental

Altitude	3000 m
Ambient temperature	Storage: -60...80 °C Operation at nominal current: -40...70 °C

Certification

Standards compliance	UL 508, CSA C22.2 No. 14, EN/IEC 60947-1, -5-1, RoHS
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