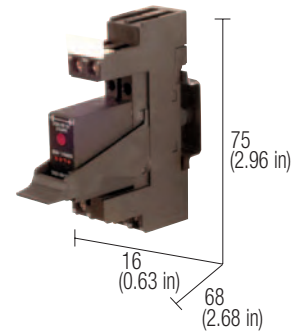
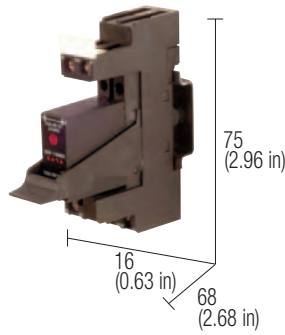


Solid state 12-24 Vdc single relay

- Low cost
- For DC load (S version)
- Pluggable relay
- Screw type jumper available
- Status LED display

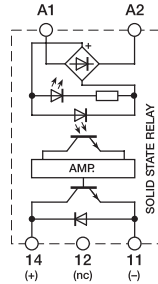


NOTES

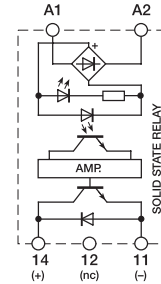
(1) Relay model is not binding, they may be modified without prior warning. The technical data shown here is to be considered typical.

This series can be mounted without any spacing between adjacent components.

BLOCK DIAGRAM



BLOCK DIAGRAM



VERSIONS

Pluggable relay
Fixed relay

Cat. No. XCM1S024

CM1S024

Cat. No. XCM1S024E

CM1S024E

INPUT TECHNICAL DATA

Input voltage	24 Vdc (19.2...28.8 Vdc)
Level 1 (high) input signal	> 19.2 Vdc
Level 0 (low) input signal	< 1 Vdc
Rated current (1 channel)	< 20 mA
Frequenza di commutazione	100 Hz max
Connection terminals	2.5 mm ² fixed screw type

Input voltage	12-24 Vdc (10...30 Vdc)
Level 1 (high) input signal	> 10 Vdc
Level 0 (low) input signal	< 6 Vdc
Rated current (1 channel)	< 26 mA
Frequenza di commutazione	100 Hz max
Connection terminals	2.5 mm ² fixed screw type

OUTPUT TECHNICAL DATA

Output voltage	3...50 Vdc
Continuous load current	2.5 A a 40°C (see chart)
Max. current	4 A / 5 s - 20 A / 10 ms
Leakage current 0 signal	0.1 mA
OFF/ON switching time	100 µs / 1 ms
Protection circuit	diode
Connection terminals	2.5 mm ² fixed screw type

Output voltage	5...60 Vdc
Continuous load current	2 A a 40°C (see chart)
Max. current	3 A / 5 s - 10 A / 10 ms
Leakage current 0 signal	1 mA
OFF/ON switching time	100 µs / 1 ms
Protection circuit	diode
Connection terminals	2.5 mm ² fixed screw type

GENERAL TECHNICAL DATA

Operating temperature	-20...-60°C (see chart)
I/O isolation bobina/contatti	2.5 KVac / 60 s
Protection degree	IP 00 IEC529, EN60529
Reference Standard	IEC 664-1, DIN VDE 0110.1
Pollution degree	3
Overvoltage category	III
Modello del relé (1)	HF JGX-40F
Status display	LED
Housing material	Polyamide UL94V-0
Approx. weight	—
Mounting information	vertical on rail adjacent without gap

Operating temperature	-20...-60°C (see chart)
I/O isolation bobina/contatti	4 KVac / 60 s
Protection degree	IP 00 IEC529, EN60529
Reference Standard	IEC 664-1, DIN VDE 0110.1
Pollution degree	3
Overvoltage category	III
Modello del relé (1)	ELCO SSR91-60B
Status display	LED
Housing material	Polyamide UL94V-0
Approx. weight	—
Mounting information	vertical on rail adjacent without gap

MOUNTING ACCESSORIES

Mounting rail type according to IEC60715/TH35	PR/3/AC, PR/3/AS
Mounting rail type according to IEC60715/G32	—
Replacement relay (1)	Cat. No. 8904404
Screw type jumper	Cat. No. XCMB16B
	—
	—

PR/3/AC, PR/3/AS

Cat. No. 8904404
Cat. No. XCMB16B

PR/3/AC, PR/3/AS

Cat. No. 8904402
Cat. No. XCMB16B

