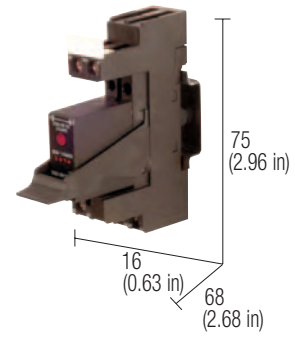
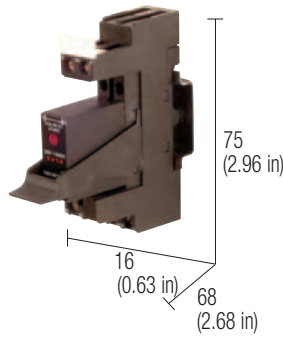


Solid state 12-24 Vdc single relay

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

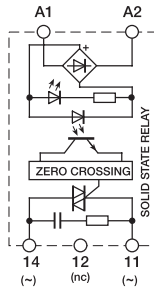


NOTES

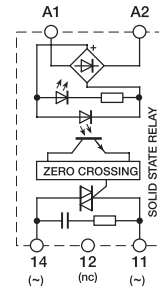
(1) Relay model is not binding, they may be modified without prior warning. The technical data shown here is to be considered typical.

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

BLOCK DIAGRAM



BLOCK DIAGRAM



VERSIONS

Pluggable relay
Fixed relay

Cat. No. XCM1T024

CM1T024

Cat. No. XCM1T024E

CM1T024E

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

12-24 Vdc (10...30 Vdc)
> 10 Vdc
< 6 Vdc
< 26 mA
100 Hz max
2.5 mm ² fixed screw type

OUTPUT TECHNICAL DATA

Output voltage	48...240 Vac (zero crossing)
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	1.5 mA
OFF/ON switching time	10 ms / 10 ms max.
Protection circuit	—
Connection terminals	2.5 mm ² fixed screw type

20...240 Vac (zero crossing)
2 A a 40°C (see chart)
3 A / 5 s - 10 A / 10 ms
2 mA
10 ms / 10 ms max.
—
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
Overtoltage 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

-20...-60°C (see chart)
4 KVac / 60 s
IP 00 IEC529, EN60529
IEC 664-1, DIN VDE 0110.1
3
III
ELCO SSR91-60B
LED
Polyamide UL94V-0
—
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. 8904405
Screw type jumper	Cat. No. XCMB16B
black	—
white	—
blue	—

PR/3/AC, PR/3/AS

—

Cat. No. 8904405

Cat. No. XCMB16B

—

—

PR/3/AC, PR/3/AS

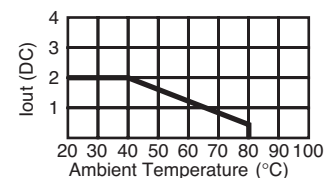
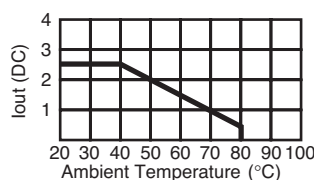
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Cat. No. 8904403

Cat. No. XCMB16B

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