

RELAIS INSTANTANÉS ET DE FONCTION

2 contacts



CAQ

- rear wiring socket with clips ERDL2/CA
- rear wiring socket / PCB mounting ERC2/CA
- front wiring socket / screw terminals EVB2/CA

► Description

Instantaneous relay with rapid memory.

Pluggable on socket with a withdrawal clasp and square guide pins which can act as a key to ensure that the correct relay is used at the correct voltage (**see our withdrawal guide in the technical support pages of this site**)

Pluggable on the following sockets : EVB2/CA, ERC2/CA or ERDL2/CA.

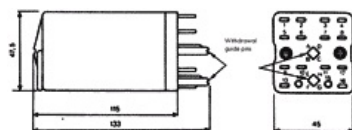
Otros modelos

1902

► CAQ

X4001

► Encombrement



► Principe de fonctionnement

This relay is a rapid memory which acts when it receives an impulse with duration > 0.5 ms (terminal 14). This information is re-sent (tipping of the two CO contacts) when validated by action on terminal 13 (validation). This information is directly re-sent if terminals 13 and 15 are linked. Return to rest state is made by cutting-off terminal 15 (reset).

See the operation diagram hereafter

► Caractéristiques

Fonction	instantaneous
Présentation	under cover
Raccordement	on front or rear wiring socket
Nombre de manoeuvres mécaniques	35.000.000
Température de fonctionnement	- 5°C to + 40°C
Température de stockage	- 40°C to + 70°C

Catégorie climatique	optional reinforced climatic protection
Tension de choc	3 kV (wave 1,2/50 µs)
Rigidité diélectrique	2200 V eff
Masa	200 g.
Degré de protection	IP 40 (according to NFC 20-010)
Tenue aux chocs mécaniques	severity 50 A (according to NFC 20-608)
Tenue aux vibrations	0,35 mm / 10-55 Hz (according to NFC 20-616)

► Bobine

	Courant continu	Courant alternatif	
Tension nominale mini.	12 V		
Tension nominale maxi.	220 V		
Domaine d'action	-20/+10% of nominal voltage		
Classe de puissance	4 W permanently - 0,5 W control impulse		

► Contactos

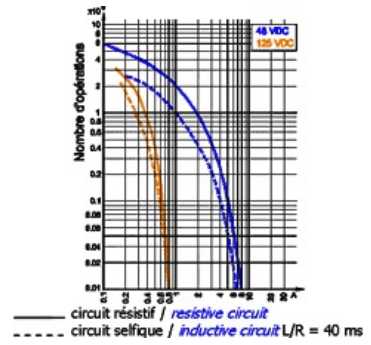
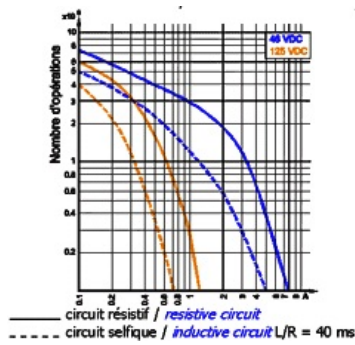
Número de contactos	2
Courant permanent maxi. admissible	8 A per contact
Commutation faible recharge	0,1 VA with min voltage 1 V and/or I min 1 mA

► Pouvoir de coupure

COURANT CONTINU

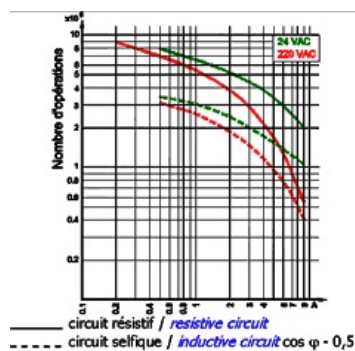
Power supply in DC - connection on DC

Power supply in AC - connection on DC



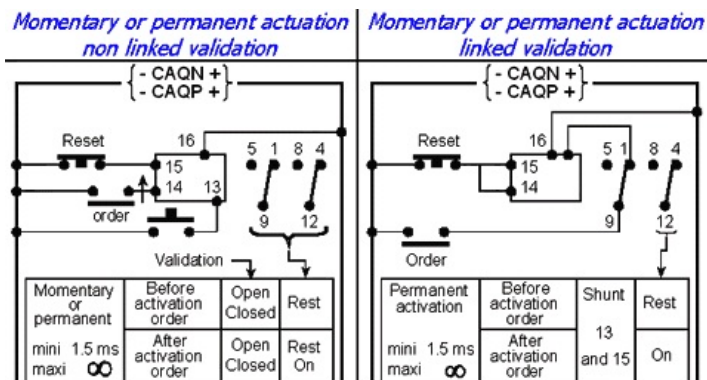
COURANT ALTERNATIF

power supply in AC or DC - connection on AC



► Diagramme de fonctionnement

see detailed operation diagram here above



► Versions

- . CAQ relay with reinforced climatic protection
- . CAQP relay with control by positive polarity
- . CAQN relay with control by negative polarity
- . CAQ relay with impulse < 0,5 ms

Document non-contractuel - Caractéristiques à se faire confirmer avant commande
 Tec automatismes se réserve le droit de modifier les descriptions et spécifications sans préavis