

# RELAIS INSTANTANÉS ET DE FONCTION

3 contacts



EP371

- rear wiring socket solder type/clips EX371
- rear wiring socket / PCB mounting EXC371
- front wiring socket with clips EVP371-DL
- front wiring socket / screw terminals EVP371

## Others models

1266

1275

1286

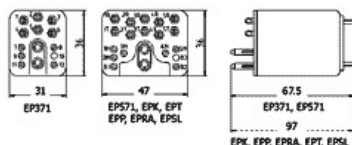
▶ **EP371**

## ▶ Description

**Instantaneous industrial relay for intensive use. 3 CO contacts - 7 A.**

Pluggable on front wiring sockets (EVP371), on rear wiring sockets (EX371) and socket for PCB mounting (EXC371).

## ▶ Dimensions



## ▶ Connection



## ▶ Technical features

<b>Function</b>	Instantaneous
<b>Presentation</b>	under cover
<b>Connection</b>	on front or rear wiring socket
<b>Number of mechanical operations</b>	30.000.000
<b>Operating temperature</b>	- 5°C to + 40°C
<b>Storage temperature</b>	- 40°C to + 70°C

<b>Climatic protection</b>	optional reinforced climatic protection
<b>Shock voltage</b>	3 Kv (wave 1,2/50 microseconds)
<b>Dielectric strength</b>	2200 V eff-50 Hz
<b>Insulation resistance</b>	> 20.000 MOhms
<b>Weight</b>	83 g.
<b>Protection level</b>	IP40 (according to NFC 20-010)
<b>Resistance to mechanical shocks</b>	severity 50 A (according to NFC 20-608)
<b>Resistance to vibrations</b>	0,35 mm/10-55 Hz (according to NFC20-616)

### ► Coil data

	<b>Direct current</b>	<b>Alternative current</b>	
<b>Min. nominal voltage DC</b>	6 V	6 V 50 Hz	
<b>Min. nominal voltage AC</b>	220 V	380 V 50 Hz	
<b>Operating range</b>	-20/+10% of nominal voltage		
<b>Power requirement</b>	2,2W	4,5 VA	2,7 VA

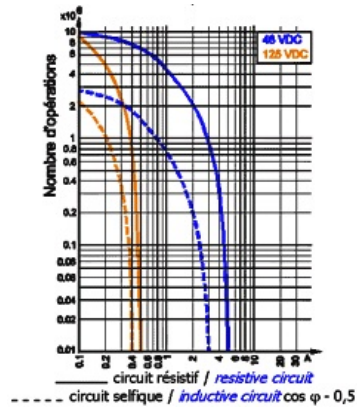
### ► Contacts

<b>Number of contacts</b>	3
<b>Max. load current</b>	7 A per contact
<b>Low power switching</b>	0,1 VA with min voltage 1 V and/or I min 1 mA
<b>Response time (bounce time not included)</b>	< 20 ms

### ► Contacts rating

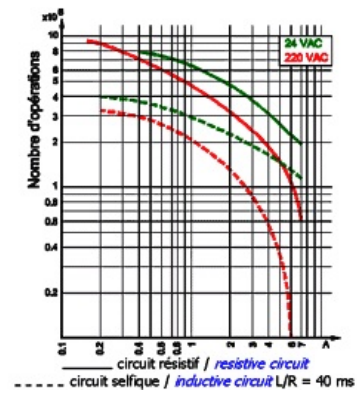
#### **DIRECT CURRENT**

**connection on DC**



## ALTERNATIVE CURRENT

### connection on AC



## ► Versions

- . EP371 relay with reinforced climatic protection
- . EP371 relay with reduced power (0,5 W in DC ou 1 VA in AC)
- . EP371 relay with specific characteristics (voltage, frequency)
- . EP371J relay with mechanical indicator
- . EP371 relay with unlinked contacts
- . EP371 relay with marine or railways specifications
- . EP371 relay with tungstene contacts
- . EIP371 intensity relay

### Homologations & conformities :

- \* CEI 255-1-00
- \* NFC 45-250

**Non-contractual document** - characteristics to be confirmed before order  
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