

# Instantaneous

## CU - I/J

### Miniature, current coil 6 A, 1 C/O



Industrial applications, switching of AC & DC voltage, resistive and loads.

- Plug in (CU) or PCB (CP)
- Miniature
- 1 C/O contact
- DC or AC coil
- Cadmium free contacts
- Equipped with keying

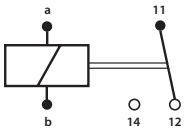
#### Standards

EN 60255  
EN 60947  
EN 60947-5-1  
IEC 61810  
CE

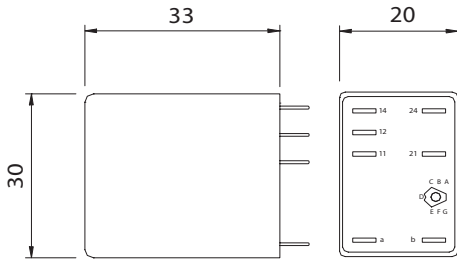
#### Pin arrangement



#### Connection diagram



#### Dimensions



#### Most common types

##### CU-J = AC current coil

CU-J22	0.005 AAC 50/60 Hz	334946400
CU-J28	0.01 AAC 50/60 Hz	334946500
CU-J50	0.12 AAC 50/60 Hz	334945800
CU-J58	0.25 AAC 50/60 Hz	334945600
CU-J66	0.60 AAC 50/60 Hz	334945400
CU-J70	1.00 AAC 50/60 Hz	334945300
CU-J74	1.50 AAC 50/60 Hz	334945200
CU-J78	2.40 AAC 50/60 Hz	334945100

##### CU-I = DC current coil

CU-I32	0.015 ADC	334940960
CU-I42	0.05 ADC	334940950
CU-I50	0.12 ADC	334640800
CU-I58	0.25 ADC	334640600
CU-I70	1.0 ADC	334940300
CU-I74	1.5 ADC	334940200
CU-I78	2.4 ADC	334940100
CU-I83	4.4 ADC	334941001

Other voltages on request

For more types check your local sales office

#### Contact specifications

Contact material	Ag + 0.2 µm Au
Number & configuration	1 C/O
Rated continuous current	6 A
Breaking capacity AC1	2.6 A / 250 V
Breaking capacity DC1	300 mA / 300 V
Max. make current	15 A
Max. switching voltage	300 VDC / 250 VAC
Min. switched voltage	12 V
Min. switched current	10 mA

#### Coil specifications

Nominal current CU-I	0.072...4.4 ADC
Nominal current CU-J	0.072...2.4 AAC
Operating range CU-I / CU-J	0.4...1.2 Inom / 0.4...1.5 Inom

#### Technical data

Mechanical life cycles	10 x 10 <sup>6</sup>
Dielectric strength, coil-contact	4000 VAC
Isolation class	C 250
Pick up time DC/AC	15 ms
Drop-out time DC/AC	3 ms
Ambient temperature	-25 °C...+55 °C
Weight	40 g
Dimensions	20 x 30 x 33 mm
Protection category	IP40

#### Remarks Option

AC coil: 50/60 Hz  
E, 6 µm gold plated contacts

See page 95 for sockets & accessories