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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Single relay - REL-OR/L- 24AC/1/MB - 2901905

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Plug-in octal relay with power contacts, specially designed for switching high DC loads, 1 N/O contact, detectable manual operation, status LED, blowout magnet, coil voltage: 24 V AC

### Product Features



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	96.0 GRM
Custom tariff number	85364190
Country of origin	India

### Technical data

#### Dimensions

Width	35 mm
Height	35 mm
Depth	58.5 mm

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

#### Coil side

Nominal input voltage $U_N$	24 V AC
Input voltage range in reference to $U_N$	see diagram
Typical input current at $U_N$	100 mA
Typical response time	5 ms ... 20 ms (depending on phase relation)
Typical release time range	5 ms ... 20 ms (depending on phase relation)

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## Technical data

### Coil side

Coil resistance	65 $\Omega$ $\pm$ 10 %
Operating voltage display	Yellow LED

### Contact side

Contact type	Single contact, 1 N/O contact (series connection, 2 N/O contacts) with blowout magnet
Contact material	AgNi
Maximum switching voltage	250 V AC
	220 V DC
Minimum switching voltage	10 V (at 10 mA)
Maximum inrush current	30 A (20 ms)
Min. switching current	10 mA (at 10 V)
Limiting continuous current	10 A
Interrupting rating (ohmic load) max.	2500 VA (for 250 V AC)
Switching capacity in acc. with DIN VDE 0660/IEC 60947	3.6 A (110 V (DC13))
	2 A (220 V DC/230 V AC (DC13))
	6 A (220 V DC/230 V AC (AC15))

### General

Test voltage relay winding/relay contact	2.5 kV <sub>rms</sub> (50 Hz, 1 min.)
Operating mode	100% operating factor
Degree of protection	RT I
Mechanical service life	Approx. 10 <sup>7</sup> cycles
Standards/regulations	IEC 61810
	EN 60947
Pollution degree	3
Surge voltage category	III
Mounting position	any
Assembly instructions	On relay base PR3

## Classifications

### eCl@ss

eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001

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### Classifications

#### eCl@ss

eCl@ss 7.0	27371001
eCl@ss 8.0	27371601

#### ETIM

ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC001437

#### UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

### Approvals

#### Approvals

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UL Recognized / cUL Recognized / cUL Recognized / UL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

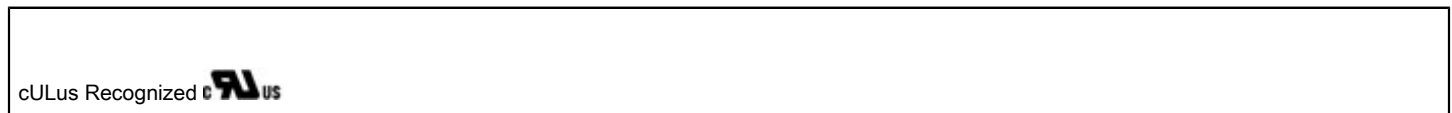
#### Approval details

UL Recognized 
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cUL Recognized 
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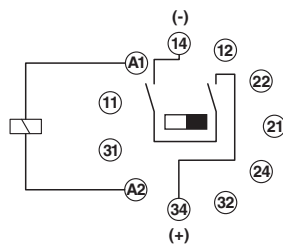
## Single relay - REL-OR/L- 24AC/1/MB - 2901905

### Approvals

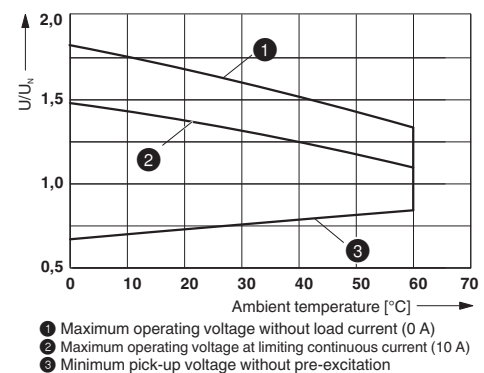


### Drawings

Circuit diagram



Diagram

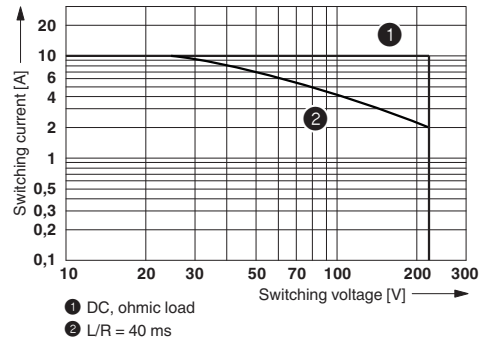


Operating voltage range of the relay



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Diagram



DC interrupting rating