



Mini ISO Relay

Features

- Dimensions & characteristics according to ISO 7588
- Plug-in or Bracket mount

Contact Data

Arrangement: 1 Form C (1 C/O) or 1 Form A (1 N/O)

Expected life: 10 million operations, mechanical; 100,000 operations

min, at rated load

40A 14Vdc, resistive on normally open contact Rated load:

Initial Breakdown Voltage: 500Vrms, coil to contacts.

Contact Material: AgSnO

Contact mV drop, after switching Max. Make current (lamp load) Max. Break current

Max. continuous current @ 23°C @ 85°C

N/O contact N/C Contact 200mV @ 35A 250mV @ 20A 90 A @ 16Vdc 30A @ 16Vdc 40A @ 16Vdc 30A @ 16Vdc

40A 30A 35A 20A

Coil Data @23°C

Nominal Voltage Vdc	Operate Voltage (max.) Vdc	Release Voltage (min.) Vdc	Resistance in Ω±10%	Resistance with resistor in parallel to coil. $\Omega \pm 10\%$
12	7.8	1.2	90	79.5
24	15.6	2.4	360	317.5

Operate time 8 msec. (max., excluding bounce) Release time 5 msec. (max., excluding bounce) Operate time with diode / resistor 10 msec. (max., excluding bounce) Release time with diode / resistor 13 msec. (max., excluding bounce)

Environmental Data

Temperature Range: -40°C to +85°C operating

Mechanical Data

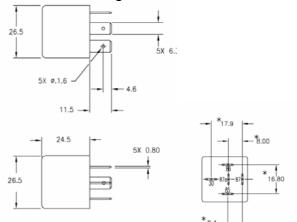
Terminals: Brass, unplated

Order codes

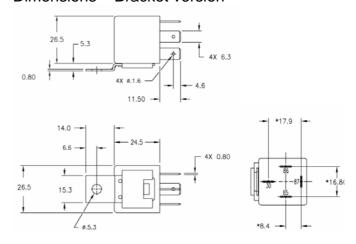
	-			
Part Number	Coil Voltage	Contact configuration	Mounting style	Features
1432782-1	12	1 normally open	Plug-in	
1432772-1	12	1 normally open	Bracket	
1432785-1	12	1 changeover	Plug-in	
1432786-1	12	1 changeover	Plug-in	Resistor
1432787-1	12	1 changeover	Plug-in	Resistor & sealed
1432790-1	12	1 changeover	Plug-in	Diode (86 +)
1432791-1	12	1 changeover	Bracket	
1432792-1	12	1 changeover	Bracket	Resistor
1432793-1	12	1 changeover	Bracket	Diode (86 +)
1432794-1	12	1 changeover	Bracket	Resistor & sealed
1432795-1	24	1 changeover	Plug-in	Diode (86+)
1432797-1	24	1 changeover	Bracket	
1432826-1	24	1 changeover	Plug-in	
1432773-1	24	1 changeover	Plug-in	Resistor

1

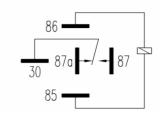
Dimensions - Plug-in version



Dimensions - Bracket version



Schematic, bottom view



- Normally open relay omit terminal 87a
- If fitted resistor or diode in parallel to coil