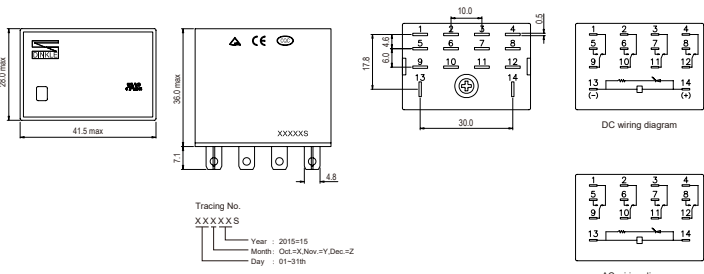


# RER-L4C-XXXX

RER Series industrial Relay



## Part Number Description

**RER-L4C-XXXX**  
①    ②        ③

- ①    L    = Spec.
- ②    4C   = No. of contacts
- ③    XXXX = Voltage  
          D24 = DC24V  
          A120 = AC120V  
          A230 = AC230V

## Specification

Coil Characteristics			
Rated voltage	24VDC	120VAC	230VAC
Rated current	69mA	21.8mA	10.8mA
Coil resistance	360Ω±10%	1680Ω±15%	8000Ω±15%
Pull-in voltage (at 23°C)	18V(≤Rated voltage 75%)	96V(≤Rated voltage 80%)	184V(≤Rated voltage 80%)
Drop-out voltage (at 23°C)	2.4V(≥Rated voltage 10%)	36V(≥Rated voltage 30%)	69V(≥Rated voltage 30%)
Max. Allowable voltage (at 23°C)	26.4V(Rated voltage 110%)	132V(Rated voltage 110%)	253V(Rated voltage 110%)
Coil power consumption	1.5W	2.5VA	2.5VA
LED Status display	Green/DC	Red/AC	Red/AC
Contact Characteristics			
No. of contacts	4C		
Resistive load (AC-1)	10A/250VAC, 30VDC		
Motor load (AC-15)	1/3HP 120VAC, 1/2HP 240VAC		
Operating power (resistive)	2500VA, 300W		
Min. allowable load	10mA/17V		
Contact material	AgSnO <sub>2</sub>		
Contact resistance	≤50mΩ		
Dielectric Strength			
Between adjacent contacts	1000VAC/1min		
Between open contacts / between live parts and ground	2000VAC/1min		
Between contact and coil	2000VAC/1min		
Insulation resistance	≥500MΩ (500VDC)		
General Characteristics			
Operate time (rated voltage)	≤20ms		
Release time (rated voltage)	≤20ms		
Operating frequency	18000 Ops/h		
Ambient temperature	-55~+70°C (Non-freezing condition)		
Ambient humidity	35%~85%RH		
Atmospheric pressure	86~106KPa		
Impact resistance	10G		
Vibration resistance	10~55Hz		
Electrical life (frequency: on for 1s, off for 1s)	≥10 <sup>5</sup> frequency (1800 Ops/h)		
Mechanical life (frequency: 300 cycles/1 min)	≥10 <sup>7</sup> frequency (1800 Ops/h)		
Weight per piece	About 65g		

## Relay Base and Accessories

Part Number	Product Description	Number of Packages	Specification
RER-L4C-XXXX	4C, 10A, with indicator and control button	20	- -
0149-20-14A	Screw connection relay base,DIN rail mounting	10	RER-L4C-XXXX
0149-21	Metal retaining clip	20	0149-20-14A