



Part Number: **1415546-2**

Description: **Power Relay**

[RM Power Relay](#)

- **Power Relay Type : *Industrial Panel Plug-In***
- **Coil Magnetic System : *Monostable, DC***
- **Coil Power Rating Class (mW): *1000 – 1500***
- **Coil Power Rating DC (mW): *1200***
- **Coil Resistance (Ω): *475***



Product Type Features

- **Power Relay Type : *Industrial Panel Plug-In***

Electrical Characteristics

- **Contact Limiting Breaking Current (A):*16***
- **Coil Magnetic System : *Monostable, DC***
- **Coil Power Rating Class (mW): *1000 – 1500***
- **Coil Power Rating DC (mW): *1200***
- **Coil Resistance (Ω): *475***
- **Coil Special Features : *UL Coil Insulation Class B***
- **Coil Voltage Rating (VDC): *24***
- **Contact Switching Load (Min) : *100mA @ 24V***

- **Contact Switching Voltage (Max) (VAC):440**
- **Contact Voltage Rating (VAC): 400**
- **Contact Voltage Rating (VDC): 28**
- **Insulation Initial Dielectric Between Contacts & Coil (Vrms):2500**
- **Contact Limiting Continuous Current (A):16**
- **Insulation Creepage Between Contact & Coil :14.9 mm [.586 in]**
- **Contact Limiting Making Current (A):40**
- **Insulation Initial Dielectric Between Contacts & Coil (V):2500**
- **Insulation Initial Dielectric Between Adjacent Contacts (Vrms):2500**
- **Insulation Creepage Class (mm): 10 – 20**
- **Insulation Initial Dielectric Between Open Contacts (Vrms):1500**
- **Insulation Initial Dielectric Between Coil & Contact Class (V):1500 – 2500, 2500 – 3000**

Body Features

- **Weight : 76 g [2.857 oz]**
- **Insulation Special Features : 5000V Initial Surge Withstand Voltage between Contacts & Coil**

Contact Features

- **Contact Arrangement : 2 Form C (2 CO)**
- **Contact Current Class (A): 10 – 20, 16**
- **Contact Current Rating (Max) (A): 16**
- **Contact Material : AgNi90/10**
- **Contact Number of Poles : 2**
- **Terminal Type : Plug-In, Quick Connect**

Mechanical Attachment

- **Relay Mounting Type : Quick Connect, Socket**

Dimensions

- **Width Class (Mechanical) (mm): 30 – 40**
- **Length : 35.5 mm [1.398 in]**
- **Insulation Clearance Class (mm): 2.5 – 4**
- **Width : 38.5 mm [1.516 in]**
- **Insulation Clearance Between Contact & Coil :4 mm [.157 in]**

- **Height Class (Mechanical) (mm): 40 – 50**
- **Height : 48.5 mm [1.909 in]**
- **Length Class (Mechanical) (mm): 30 – 40, 35 – 40**

Usage Conditions

- **Operating Temperature Range : -40 – 70 °C [-40 – 158 °F]**
- **Environmental Category of Protection :RTI**
- **Environmental Ambient Temperature (Max) :70 °C [158 °F]**