



## Schneider Electric Relays

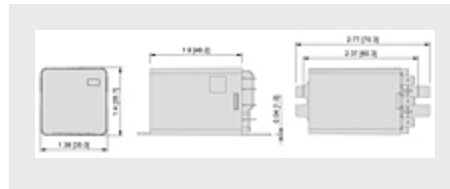
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ITEM # 788XCXRC1-12D, 788 POWER RELAYS - SIDE FLANGE / 3PDT, 10 AMP RATING



[SPECIFICATIONS](#) | [COIL CHARACTERISTICS](#) | [PERFORMANCE CHARACTERISTICS](#) | [ENVIRONMENT](#) | [PRODUCT CERTIFICATIONS](#)

### Specifications

|   |   |
|---|---|
| <b>Check Inventory</b>                              | <a href="#">Check Distributor Inventory</a>                   |
| <b>Status</b>                                       | NCNR  |
| <b>Legacy Part No.</b>                              | 788XCXC1-12D  |
| <b>Terminal Style</b>                               | Plug-in   |
| <b>Contact Configuration</b>                        | 3PDT  |
| <b>Thermal (Carrying) Current</b>                   | 10 A  |
| <b>Coil Resistance (Ohms)</b>                       | 120 Ohm   |
| <b>Load Type</b>                                    | Standard  |
| <b>Contact Materials</b>                            | Silver Alloy with Gold Flash                                  |
| <b>Maximum Switching Voltages</b>                   | IEC: 250 VAC/28 VDC<br>UL: 300 VAC/30 VDC                     |
| <b>Switching Current at Voltage (AC, Resistive)</b> | IEC: 10 A at 250 VAC 50/60 Hz<br>UL: 10 A at 277 VAC 50/60 Hz |

|   |   |
|---|---|
| <b>Switching Current at Voltage (DC, Resistive)</b> | IEC: 10 A at 28 VDC<br>UL: 10 A at 30 VDC |
|---|---|

|  |                                      |
|--|--------------------------------------|
| <b>Switching Current at Voltage (HP)</b> | 1 at 277 VAC hp<br>1/3 at 120 VAC hp |
|--|--------------------------------------|

|                   |      |
|-------------------|------|
| <b>Pilot Duty</b> | B300 |
|-------------------|------|

|                                      |                 |
|--------------------------------------|-----------------|
| <b>Minimum Switching Requirement</b> | 10 mA at 17 VDC |
|--------------------------------------|-----------------|

|                      |              |
|----------------------|--------------|
| <b>Cover Options</b> | Flange Cover |
|----------------------|--------------|

|                 |                           |
|-----------------|---------------------------|
| <b>Features</b> | Mechanical flag indicator |
|-----------------|---------------------------|

#### California Proposition 65 Warning



**WARNING:** This product can expose you to chemicals including:  
**Substance 1:** Nickel compounds, which is known to the State of California to cause cancer.  
**Substance 2:** DIDP, which is known to the State of California to cause birth defects or other reproductive harm.  
 For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

#### Coil Characteristics

|                     |        |
|---------------------|--------|
| <b>Coil Voltage</b> | 12 VDC |
|---------------------|--------|

|  |             |
|--|-------------|
| <b>Operating Range - % of Nominal (AC)</b> | 85 to 110 % |
|--|-------------|

|  |             |
|--|-------------|
| <b>Operating Range - % of Nominal (DC)</b> | 80 to 110 % |
|--|-------------|

|                                     |        |
|-------------------------------------|--------|
| <b>Average Consumption (DC / W)</b> | 1.40 W |
|-------------------------------------|--------|

|  |      |
|--|------|
| <b>Drop-out Voltage Threshold (DC)</b> | 10 % |
|--|------|

#### Performance Characteristics

|   |        |
|---|--------|
| <b>Electrical Life (UL508), Operations at Rated Current (Resistive)</b> | 100000 |
|---|--------|

|                                   |         |
|-----------------------------------|---------|
| <b>Mechanical Life, Unpowered</b> | 5000000 |
|-----------------------------------|---------|

|                                       |       |
|---------------------------------------|-------|
| <b>Operating Time (Response Time)</b> | 20 ms |
|---------------------------------------|-------|

|  |             |
|--|-------------|
| <b>Dielectric Strength - Between Coil and Contact (AC)</b> | 2500 V(rms) |
|--|-------------|

|   |             |
|---|-------------|
| <b>Dielectric Strength - Between Poles (AC)</b> | 2000 V(rms) |
|---|-------------|

#### Environment

|   |                    |
|---|--------------------|
| <b>Vibration Resistance - Operational</b> | 3 g-n at 35-150 Hz |
|---|--------------------|

|                         |        |
|-------------------------|--------|
| <b>Shock Resistance</b> | 10 g-n |
|-------------------------|--------|

**Degree of Protection**

IP 40

**Weight**83 g  
2.93 oz**Product Certifications****Agency Approvals**UL (E164862)  
CSA (225619 Class 3211-07)  
CE  
RoHs

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