



Schneider Electric Relays

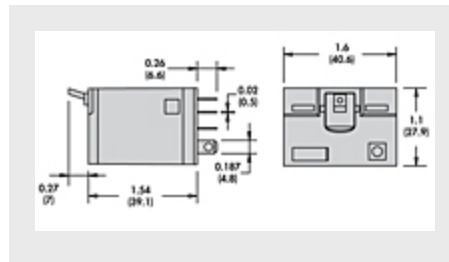
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ITEM # 784XDXM4L-12D, 784 ICE CUBE RELAYS / 4PDT, 15 AMP RATING



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

Specifications

| | |
|---|--|
| Check Inventory | Check Distributor Inventory |
| Status | Standard |
| Terminal Style | Plug-in |
| Contact Configuration | 4PDT |
| Thermal (Carrying) Current | 15 A |
| Coil Resistance (Ohms) | 75.80 Ohm |
| Load Type | Standard |
| Contact Materials | Silver Alloy |
| Maximum Switching Voltages | IEC: 250 VAC UL/CSA: 300 VAC |
| Switching Current at Voltage (AC, Resistive) | CSA: 15 A at 150 VAC 50/60 Hz (30A max. total) UL: 15 A at 277 VAC 50/60 Hz |
| Switching Current at Voltage (DC, Resistive) | IEC: 15 A at 28 VDC UL: 15A at 28 VDC |

| | |
|--|--------------------------------------|
| Switching Current at Voltage (HP) | 1 at 277 VAC hp 1/2 at 120 VAC hp |
|--|--------------------------------------|

| | |
|-------------------|------|
| Pilot Duty | B300 |
|-------------------|------|

| | |
|--------------------------------------|-----------------|
| Minimum Switching Requirement | 10 mA at 17 VDC |
|--------------------------------------|-----------------|

| | |
|----------------------|---------------|
| Cover Options | Full Featured |
|----------------------|---------------|

| | |
|-----------------|--|
| Features | Locking push button, Mechanical flag indicator, Removable ID tag, Bi-polar LED |
|-----------------|--|

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

Coil Characteristics

| | |
|---------------------|--------|
| Coil Voltage | 12 VDC |
|---------------------|--------|

| | |
|--|-------------|
| Operating Range - % of Nominal (AC) | 85 to 110 % |
|--|-------------|

| | |
|--|-------------|
| Operating Range - % of Nominal (DC) | 80 to 110 % |
|--|-------------|

| | |
|--------------------------------------|---------|
| Average Consumption (AC / VA) | 2.50 VA |
|--------------------------------------|---------|

| | |
|-------------------------------------|--------|
| Average Consumption (DC / W) | 1.60 W |
|-------------------------------------|--------|

| | |
|--|------|
| Drop-out Voltage Threshold (AC) | 15 % |
|--|------|

| | |
|--|------|
| Drop-out Voltage Threshold (DC) | 10 % |
|--|------|

Performance Characteristics

| | |
|---|--------|
| Electrical Life (UL508), Operations at Rated Current (Resistive) | 100000 |
|---|--------|

| | |
|-----------------------------------|----------|
| Mechanical Life, Unpowered | 10000000 |
|-----------------------------------|----------|

| | |
|---------------------------------------|-------|
| Operating Time (Response Time) | 20 ms |
|---------------------------------------|-------|

| | |
|--|-------------|
| Dielectric Strength - Between Coil and Contact (AC) | 2000 V(rms) |
|--|-------------|

| | |
|---|-------------|
| Dielectric Strength - Between Poles (AC) | 2000 V(rms) |
|---|-------------|

Environment

| | |
|---|---------------------------------------|
| Vibration Resistance - Operational | ±1 mm (10-35 Hz) and 3 gn (35-150 Hz) |
|---|---------------------------------------|

| | |
|-------------------------|--------|
| Shock Resistance | 15 g-n |
|-------------------------|--------|

| | |
|-----------------------------|-------|
| Degree of Protection | IP 40 |
|-----------------------------|-------|

| | |
|---------------|-----------------|
| Weight | 80 g 2.82 oz |
|---------------|-----------------|

Product Certifications -

| | |
|-------------------------|---|
| Agency Approvals | CSA (44087) UL (E164862) CE RoHs |
|-------------------------|---|

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