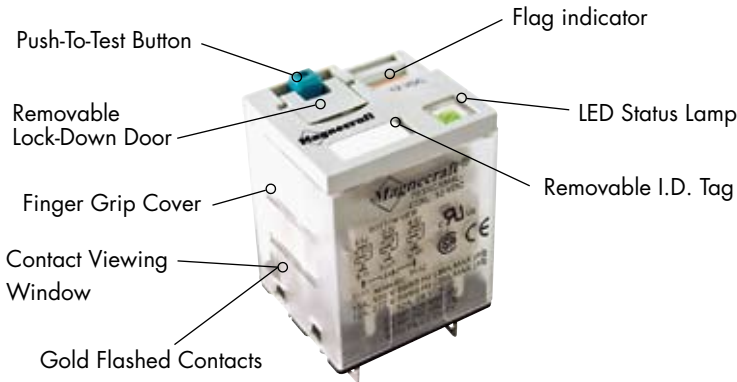
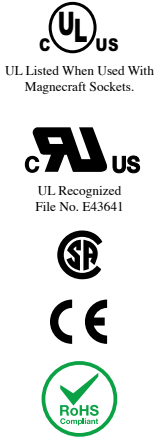


783 Ice Cube Relays/3PDT, 15 Amp Rating (DC & AC)



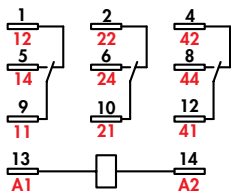
General Specifications (UL 508)

| Contact Characteristics | | Units | 783XCX |
|---|----------------------------|--------------|--------------------|
| Number and type of Contacts | | | 3PDT |
| Contact materials | | | Silver Alloy |
| Thermal (Carrying) Current | | A | 15 |
| Maximum Switching Voltage | | V | 300 |
| Switching Current @ Voltage | ~ | Resistive | 15A @ 120V 50/60Hz |
| | ~ | Resistive | 12A @ 277V 50/60Hz |
| | ⋮ | Resistive | 12A @ 28V |
| | ~ | HP | 1/2 @ 120VAC |
| | ~ | HP | 3/4 @ 250 VAC |
| Minimum Switching Requirement | | Pilot Duty | B300 |
| | | mA | 100 @ 5VDC (.5W) |
| Coil Characteristics | | | |
| Voltage Range | ~ | V | 6...240 |
| | ⋮ | V | 6...125 |
| Operating Range | ~ | % of Nominal | 85% to 110% |
| | ⋮ | % of Nominal | 80% to 110% |
| Average consumption | ~ | VA | 1.5 |
| Drop-out voltage threshold | ⋮ | W | 1.4 |
| | ~ | | 15% |
| | ⋮ | | 10% |
| Performance Characteristics | | | |
| Electrical Life (UL508) | Operations @ Rated Current | (Resistive) | 200,000 |
| Mechanical Life | Unpowered | | 10,000,000 |
| Operating time (response time) | | ms | 20 |
| Dielectric strength | Between coil and contact | ~ | V(rms) 2500 |
| | Between poles | ~ | V(rms) 2500 |
| | Between contacts | ~ | V(rms) 1500 |
| Environment | | | |
| Product certifications | Standard version | | UL, CSA, CE |
| Ambient air temperature around the device | Storage | °C | -40...+85 |
| | Operation | °C | -40...+55 |
| Vibration resistance | Operational | g-n | 3, 10 - 55 Hz |
| Shock resistance | | g-n | 10 |
| Degree of protection | | | IP 40 |
| Weight | | grams | 60 |

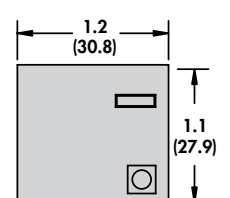
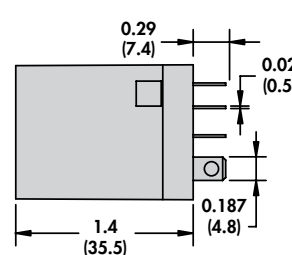
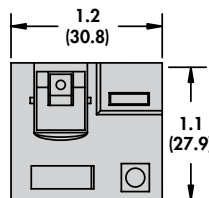
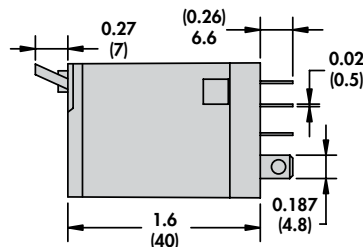
783XCX

Full Featured Dimensions

Plain Cover Dimensions



Wiring Diagram Bottom View





Full Featured



Plain Cover

Standard Part Numbers

BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED

| Nominal Voltage | Coil Resistance | 3PDT Part Number (Full Feature) 15 Amp | 3PDT Part Number (Plain Cover) 15 Amp |
|----------------------|-----------------|---|--|
| AC Operated | | | |
| 6 VAC 50/60 Hz | 6 Ohms | 783XCXM4L-6A | 783XCXC-6A |
| 12 VAC 50/60 Hz | 25.3 Ohms | 783XCXM4L-12A | 783XCXC-12A |
| 24 VAC 50/60 Hz | 103 Ohms | 783XCXM4L-24A | 783XCXC-24A |
| 120 VAC 50/60 Hz | 2770 Ohms | 783XCXM4L-120A | 783XCXC-120A |
| 220-230 VAC 50/60 Hz | 10800 Ohms | 783XCXM4L-220/230A | 783XCXC-220/230A |
| 240 VAC 50/60 Hz | 12100 Ohms | 783XCXM4L-240A | 783XCXC-240A |
| DC Operated | | | |
| 6 VDC | 25 Ohms | 783XCXM4L-6D | 783XCXC-6D |
| 12 VDC | 100 Ohms | 783XCXM4L-12D | 783XCXC-12D |
| 24 VDC | 400 Ohms | 783XCXM4L-24D | 783XCXC-24D |
| 48 VDC | 1600 Ohms | 783XCXM4L-48D | 783XCXC-48D |
| 110-125 VDC | 8600 Ohms | 783XCXM4L-110/125D | 783XCXC-110/125D |

Custom Relay Part Number Builder

| Series | Contact Configuration | Cover Options | Terminal Style | Feature Options | Coil Voltage |
|--------|-----------------------|---|--------------------------------------|--|----------------------------------|
| 783 | XCX | | T | M4L- | 240A |
| 783 | XCX = 3PDT | Full Feature = No Code Plain Cover = C | Plug In = No Code PC terminal = T | Side Push Button = M Locking Push Button = M4 Bi-Polar LED = L | VAC = 6 - 240A VDC = 6 - 125D |

Relay Adapters



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