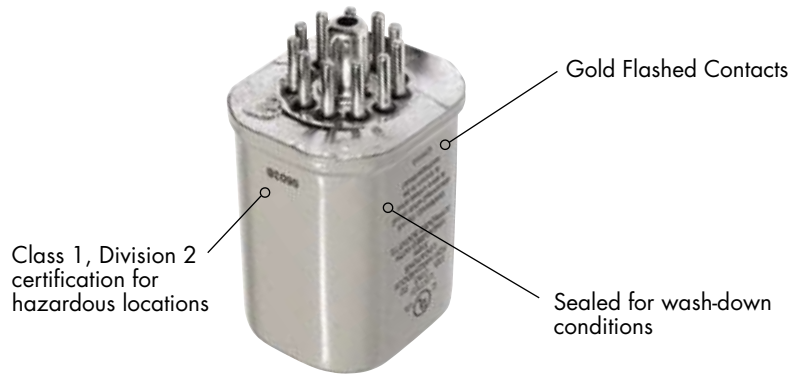


750H Hermetic Octal Relays, 11-Pin/3PDT, 12 Amp Rating (DC & AC)

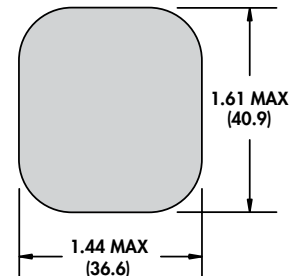
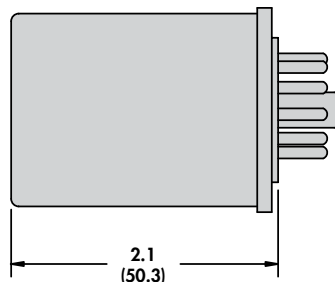
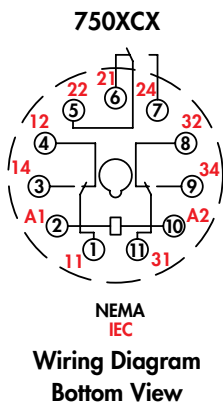


General Specifications

(UL 508)

750XCXH

| Contact Characteristics | | Units | Standard |
|---|----------------------------|-----------------|--------------------|
| Number and type of Contacts | | | 3PDT |
| Contact materials | | | Silver Alloy |
| Thermal (Carrying) Current | | A | 12 |
| Maximum Switching Voltage | | V | 300 |
| Switching Current @ Voltage | ~ | General Purpose | 12A @ 240V 50/60Hz |
| | ~ | General Purpose | 12A @ 120V 50/60Hz |
| | ∴ | Resistive | 12A @ 28V |
| | | HP | 1/3 @ 120VAC |
| | | HP | 1/2 @ 240 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% |
| | ∴ | | 80% to 110% |
| Average consumption | ~ | VA | 2 |
| | ∴ | W | 1.2 |
| Drop-out voltage threshold | ~ | | 15% |
| | ∴ | | 10% |
| Performance Characteristics | | | |
| Electrical Life (UL508) | Operations @ Rated Current | | 100,000 |
| Mechanical Life | Unpowered | | 10,000,000 |
| Operating time (response time) | | ms | 20 |
| Dielectric strength | Between coil and contact | ~ | Vrms 1500 |
| | Between poles | ~ | Vrms 1500 |
| | Between contacts | ~ | Vrms 1500 |
| Environment | | | |
| Product certifications | Standard version | | UL |
| 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 67 |
| Weight | | grams | 130 |





750H 11-pin

Standard Part Numbers

BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED

| Nominal Voltage | Coil Resistance | 3PDT Part Number 12 Amp |
|----------------------|-----------------|----------------------------|
| AC Operated | | |
| 6 VAC 50/60 Hz | 4.2 Ohms | 750XCXH-6A |
| 12 VAC 50/60 Hz | 18 Ohms | 750XCXH-12A |
| 24 VAC 50/60 Hz | 72 Ohms | 750XCXH-24A |
| 120 VAC 50/60 Hz | 1700 Ohms | 750XCXH-120A |
| 220-240 VAC 50/60 Hz | 7200 Ohms | 750XCXH-220/240A |
| DC Operated | | |
| 6 VDC | 32 Ohms | 750XCXH-6D |
| 12 VDC | 120 Ohms | 750XCXH-12D |
| 24 VDC | 470 Ohms | 750XCXH-24D |
| 48 VDC | 1800 Ohms | 750XCXH-48D |
| 110-125 VDC | 10000 Ohms | 750XCXH-110/125D |

Custom Relay Part Number Builder

| | | | |
|---------------|------------------------------|-----------------|-------------------------------|
| 750 | XCX | H | 240A |
| Series | Contact Configuration | Hermetic | Contact Code |
| 750 | XCX = 3PDT | | 12 Amp Silver Alloy = No Code |
| | | | Coil Voltage |
| | | | VAC = 6 - 240A |
| | | | VDC = 6 - 125D |

For other mating sockets, see Section 2: 70-750E11-1, 70-465-1, 70-170-1

16-1332
Metal Hold-Down Clip
Section 3, p.8-11

