

Oil & Gas Industries

relays & switches

Relay and switches are commonly used in Oil & Gas Industry applications. From controls to instrumentation, CIT Relay & Switch has a wide variety of relays and switches to suit these wide ranging applications.



A1 Series

With switching capacity up to 30A, the A1 Series is suitable for automotive and lamp accessories. Mounting methods are PC pin or quick connect. Contact arrangement options are 1A or 1C with coil power options of 1.2W or 1.5W. The A1 Series size is 22.8 x 15.3 x 25.8mm.



A2 Series

Offering two mounting flange options the A2 Series is also available with a shrouded version. Large switching capacity up to 40A with coil voltage ranging from 6VDC up to 48VDC. Coil power options are 1.6W or 1.9W. Contact ratings are 1A, 1B or 1C. The A2 Series dimensions are 26.0 x 26.0 x 24.5mm.



A2H Series

Low temperature rise at full load is a hallmark of the A2H Series. With large switching capacity up to 50A and a choice of PC pin or quick connect mounting, this ruggedly constructed relay offers 1A or 1C contact arrangement with coil voltage option of 12VDC or 24VDC. Coil power is 1.6W. The A2H Series dimensions are 26.0 x 26.0 x 22.7mm, with two styles of mounting flanges.



A3 Series

Large switching capacity up to 80A with PC pin or quick connect mounting, the A3 Series is QS-9000 and ISO-9002 certified. Offering both standard and heavy duty contact ratings, the A3 Series is available as 1A, 1B, 1C or 1U. Coil voltage choices are 12VDC or 24VDC, with coil power of 1.8W. Dimensions are 28.5 x 28.5 x 26.5mm.



J115F1 Series

The J115F1 Series relay offers heavy contact load up to 40A in a light-weight and small size package. This PC pin mounted relay offers 1A, 1B or 1C contact arrangement with coil voltage ranging from 5VDC up to 277VAC with DC coil power of .60W or .90W and AC coil power of .2VA. Dimensions are 31.7 x 26.9 x 20.3mm. The J115F1 is available with or without a dust cover. Agency approval is UL E197852 and TÜV.



J151 Series

The J151 Series is an Ice cube style relay with switching capacity up to 20A. With low coil power consumption and high contact load, the J151 Series has strong resistance to shock and vibration. Contact arrangements include 1A, 2A, 3A, 4A, 1B, 2B, 3B, 4B, 1C, 2C, 3C, and 4C. Coil voltage ranges from 12VDC up to 240VAC with DC coil power options of .90W, 1.4W or 1.5W and AC coil power options of 1.2VA, 2.0VA or 2.5VA. The J151 offers PC pin or solder lug mounting options. Dimensions are dependent upon style choice with a flange option. UL Agency approval is E197852.



J152 Series

The J152 Series is an Ice cube style relay with switching capacity up to 10A. With low coil power consumption and high contact load, the J152 Series has strong resistance to shock and vibration. Contact arrangements include 2A, 3A, 4A, 2B, 3B, 4B, 2C, 3C, and 4C. Coil voltage ranges from 12VDC up to 220VAC with DC coil power of .90W and AC coil power of 1.2VA. The J152 offers PC pin or solder lug mounting options. Dimensions are dependent upon style choice with a flange option. UL Agency approval is E197851.



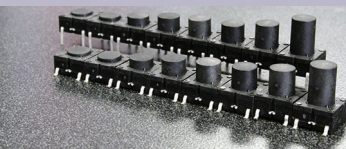
BH Series

Available in both 16mm & 19mm, this IP65 vandal and splash resistant switch offer many choices of actuator styles including flush, round, raised, flush ring or dot illuminated, raised ring illuminated, flush international standby symbol illuminated, round ring or dot illuminated or raised dot illuminated. Body finish options include nickel plated brass, gold plated brass, brushed stainless steel or anodized aluminum in black, green, red, blue or yellow. The BH Series also offers a choice of solder lug, .110" quick connect or screw terminal termination. Bi-color LED options are red, yellow, green, blue, white and orange and many combinations of the same.



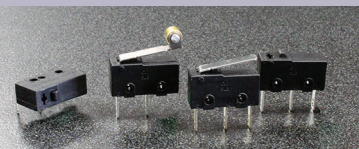
DH Series

Offering size options of 22mm, 25mm, 28mm and 30mm standard, the DH Series can be customized up to 40mm. Being both vandal and splash resistant, this panel mount switch is heavy-duty and rugged in construction. The DH Series is available as momentary or latching in both SPST and DPST, normally open and normally closed. Flush actuator styles offer non-illuminated, bi-color ring or dot illumination. Mushroom style actuators are available in red anodized aluminum in both dot illuminated or non-illuminated. Illumination color choices are red, yellow, green, blue, white and orange. LED voltage choices range from 6V to 220V. The DH Series is also available with UV protection to resist fading.



ME Series

The ME Series is an IP67 process sealed tactile switch offering both through-hole and surface mount options with a 350gF actuation force. With actuator and housing of PA6T Polymide and silver plated stainless steel dome contact, the ME Series uses a silicon rubber internal seal providing truly sealed, one piece construction. Actuator color is standard black; contact factory for additional color options.



SM3 Series

Sub-miniature in size, the SM3 Series snap-action switch is UL/cUL certified. Actuator styles include pin plunger, simulated roller, short roller lever, long hinge lever and the standard hinge lever. The SM3 Series offers terminal options of .100" quick connect, solder lug, PC pin, right angle PC pin or left angle PC pin. Pole options include SPST normally open, SPST normally closed, or SPDT.



VM3 Series

The miniature VM3 Series snap-action switch is UL/cUL certified. Actuator styles include pin plunger, standard roller lever, simulated roller lever, short hinge lever, short roller lever, long hinge lever and standard hinge lever. The VM3 Series offers terminal options of .250" quick connect or .187" quick connect. Pole options include SPST normally open, SPST normally closed or SPDT. Now available in Latching and IP67!

CIT Relay & Switch validation test lab

CIT Relay & Switch has a sophisticated test lab for failure analysis and material testing, helping our customers solve their toughest problems. Our aim is to establish long-lasting relationships with our customers by providing comprehensive technical expertise using our state-of-the-art test lab. Providing accurate and concise solutions, we give our customers the best explanation about how their components perform. Contact a CIT Application Engineer to validate product suitability for your application with real-time live testing backed with data.



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CIT Relay & Switch manufactures a broad array of RoHS compliant electromechanical automotive, telecom, security, industrial and HVAC relays and switches. Thank you for giving CIT Relay & Switch the opportunity to demonstrate why so many are joining our growing list of satisfied customers — customers who have come to rely on the service and quality provided by CIT Relay & Switch.

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