

RELAY, CONTACTORS, SWITCHES & SENSING DEVICES

Interconnect Specialists™



A.E. Petsche offers a broad range of relay, sensor and control products engineered for military, aerospace and other demanding applications. Featured Tyco Electronics products include both standard and specialized relays from CII, Kilovac and Hartman, including single volt relays, popular mid-range models, high powered, mission critical relays. Honeywell Sensing & Control products include the well-known brand names Microswitch, Elmwood, Clarastat and Hobbs, and include toggle, pushbutton and rocker switches, customized switch assemblies and sensors.

Signal Relays

Less than 1 Amp. From the smallest T0-5 and .100 grid to the powerful full-size crystal can relays, the A.E.

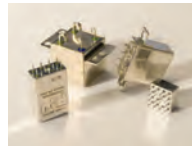


Petsche signal relays selection features the full spectrum including Hi-Rel space and microwave relays. Military standard callouts include M39016, M28776, M28750, M5757, M83726, MS27245 and MS27247. A.E. Petsche also stocks a large variety of COTS products as well.

Mid-Range

Relays & Contactors 1-25 Amp. This range of products include Specification

Controlled Drawings as well as the following Mil Spec QPL's; M83536, M6106, M83407 and M83526. Their applications include military ground vehicles, missiles/missile launch systems, military and commercial aircraft, weapon systems, chemical detection systems as well as guidance and navigation systems.



High Power

Up to 70 kV. A.E.

Petsche's high power relay selection includes many options covering applications in both AC & DC input voltage. Variations include unique sealing technologies in order to handle harsh environments. They are available in panel and PCB mounting styles, and can be found on many programs including the F22, F35 and Space Station.



Basic Sealed Switches

Sealed switches are basic precision switches enclosed within a corrosion-resistant aluminum housing. The housing seals the switch contacts from contamination. Watertight and military construction per MIL-PRF-8805.



Toggle, Rocker & Push Button Switches

Hermetic and environmentally sealed products that can be used where a panel-mounted switch that needs an environment-proof rating is needed. Specifications including MIL-S-8805/26/98, MIL-S-83781, MIL-S-5594, and MIL-S-3950 are available.



Custom Switch Assemblies

Honeywell can meet applications that have demanding specifications. They can either use one of their standard switch products and add a harness, or by developing a completely custom switch assembly.



Sensors

Designed to meet demanding temperature, shock, vibration and EMI/EMP interference specifications. Available in high and low frequency versions with options of all metal sensing, ferrous metal sensing, or hall-effect, magnetic field sensitivity. Applications vary from engine & APU Systems, landing gear and flight & pilot controls.



A.E. Petsche Co.

An Arrow Company

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RELAY, CONTACTORS, SWITCHES & SENSING DEVICES

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Tyco Electronics Relay Products & Honeywell Sensing & Control products

A.E. Petsche offers the complete line of Tyco Electronics relay products as well as Honeywell Sensing & Control Products, including these popular military specifications and OEM models. Customized designs are also available upon request.

Specification	Tyco Electronics Product	Series	Specification	Tyco Electronics Product	Series
AN3303-2, AN3308-2	CII Custom Relay	High Power	MIL-PRF-6106/19	CII FCA-125 Midrange Relay	Midrange
AN3320-1, AN3324-1	CII Custom Relay	High Power	MIL-PRF-83536/1, /2, /5, /6, /9	CII FCB-205 Midrange Relay	Midrange
DSCC DWG. 85092, 88662	CII Solid State Relay	High Power	MIL-PRF-83536/10, /15, /16, /25	CII FCB-205 Midrange Relay	Midrange
DSCC DWG. 89116, 90091	CII Solid State Relay	High Power	MIL-PRF-83536/26, /32, /33,	CII FCB-205 Midrange Relay	Midrange
MIL-DTL-83725/1, /2, /4, /5, /10	KILOVAC High Voltage Relay	High Power	MIL-PRF-85536/13	CII Time Delay Relays	High Power
MIL-DTL-83725/16, /18, /21, /24	KILOVAC High Voltage Relay	High Power	MIL-R-5757/1, /7, /8, 10, /13, /23	CII Full Size Signal Level Electro. Relay	Signal
MIL-PRF-28750/5, /6, /7, /9, /10	CII Solid State Relay	High Power	MS27245 & MS27247	CII Full Size Signal Level Electro. Relay	Signal
MIL-PRF-28776/1, /3, /5, /6, /7	CII T0-5 & 100 Signal Hybrid Relay	Signal	MIL-PRF-39016/32, /34	CII Full Size Signal Level Electro. Relay	Signal
MIL-PRF-6106/15, /26	HARTMAN Connector	High Power	NASA S-311-P-754	CII Full Size Signal Level Electro. Relay	Signal
MIL-PRF-6106/26	HARTMAN Connector	High Power	NAVSEA DWG. 5496664	CII Solid State Relay	High Power
MS24185, MS27750	HARTMAN Contactor	High Power			

Specification	Honeywell Product	Series	Specification	Honeywell Product	Series
AN3167, AN3168, AN3169, AN3215	Legacy Micro Switch		MS25011	Legacy Micro Switch	HS
IH-150	Legacy Micro Switch		MS25085	Legacy Micro Switch	SM
M39002	Data Instrument		MS25253	Legacy Micro Switch	V3
M5423	Legacy Micro Switch	ET	MS25383	Legacy Micro Switch	BZ
M5594	Legacy Micro Switch	ET	MS27216	Legacy Micro Switch	HM
M8805	Legacy Micro Switch	MULTIPLE	MS27240	Legacy Micro Switch	EN
MS16106	Legacy Micro Switch	MULTIPLE	MS27406, 407, 408 & 409	Legacy Micro Switch	TL
MS21320 & 21	Legacy Micro Switch	EN	MS27716, 17, 18, 19, 20, 21, 22, 23, 24	Legacy Micro Switch	TL or TW
MS24331	Legacy Micro Switch	EN	MS27734, 35, 36, 37, 38, 39, 53, 54	Legacy Micro Switch	TL or TW
MS24420	Legacy Micro Switch	EN	MS27781, 82, 83, 84, 85, 86, 87, 88, 89, 90	Legacy Micro Switch	TL or TW
MS24523, 24, & 25	Legacy Micro Switch	TL	MS27994	Legacy Micro Switch	XE
MS24547	Legacy Micro Switch	SX	R0090, 091, 110	New Eng. Instrument	
MS24594	Legacy Micro Switch	HR	RV4LAY, LBV, NAV, NBY, SAY, SBY, TAY	Clarostat	
MS24658, 59 & 60	Legacy Micro Switch	TL	RV6LAY, NAY, SAY, TAY	Clarostat	
MS25008	Legacy Micro Switch		RV8LAY, NAY, SAY	Clarostat	



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