

TE Connectivity

Relays & Contactors Helping to Power the Future of Unmanned Flight

INTRODUCTION

TE Connectivity's (TE) lightweight KILOVAC DC contactors offer continuous current ratings up to 1000 A at 1000 VDC in very compact packages. Their hermetically sealed designs ensure high levels of performance and rugged reliability.

TE's HARTMAN contactors deliver superior performance for both 28 Vdc primary and secondary power distribution, and offers some of the industries smallest and lightest packages in the most strenuous applications.

TE's CII relays offer the full range of switching performance from signal switching to 60 amp loads at 28Vdc. Hermetic packages designed for harsh environments, high shock & vibration and a standard temperature range from -70C to +125C, with the added confidence of mil-spec qualification.



Clicking on the images below will take you to te.com product pages

PRODUCT SERIES	CAP 120	CAP 200A	CAP 202	KHR500	K1K	CAP200P (pre-production)
Primary Contact Configuration	SPST-NO	SPST-NO	DPST-NO	SPST-NO	SPST-NO	SPST-NO Latching
Contact Rating (Amps)	150	500	350	600	1,000	500
Bi-Directional Switching	Yes	No	Yes	Yes	Yes	No
Contact Voltage (VDC)	12 to 600	12 to 900	12 to 600	12 to 1000	12 to 1000	12 to 1000
Auxillary Contacts	No	Optional	Optional	Yes	Optional	Optional
Coil Voltage (VDC)	12 or 28	28	12 or 28	12 or 28	12 or 28	12 or 28
Coil Economizer	Yes	Yes	Yes	Yes	Yes	Yes
Sealing	Hermetic	Hermetic	Hermetic	Hermetic	Hermetic	Hermetic

HARTMAN CONTACTORS • Small, Light, Robust • Flight Approved						
PRODUCT SERIES	K200	K4001	K500	AH600	KD400	HECS/SCS
Contact Configuration	SPST-NO Aux. Optional	SPST-NO Aux. Optional	SPST-NO Aux. Optional	SPST-NO	SPST-NO & SPST-NC Aux. Optional	Hall Effect Current Sensor
Contact Rating (Amps)	200	400	500	600	400	Pin Configurable Trip Curve, Reverse Current Trip
Bi-Directional Switching	Yes	Yes	Yes	Yes	Yes	
Contact Voltage (Vdc)	28	28	28	28	28	
Weight	150 grms (.33 lbs)	230 grms (.50 lbs)	320 grms (.70 lbs)	1100 grms (2.4 lbs)	910 grms (2.00 lbs)	
Coil Voltage (Vdc)	28	28	28	28	28	
Coil Economizer	Yes	Yes	Yes	Yes	Yes	
Sealing	Gasket	Gasket	Gasket	Hermetic	Gasket	Gasket
MIL SPEC	MIL-PRF-6106	MIL-PRF-6106	MIL-PRF-6106	MIL-PRF-6106	MIL-PRF-6106	N/A

CII Relays • Hermetically sealed • Choice of mounting styles						
PRODUCT SERIES	3SBC/ HFW/C	07	FCB	FCA	TD2	FCA-150/FCAC-150
Primary Contact Configuration	SPDT to 6PDT	DPDT	DPDT/4PDT	SPDT to 4PDT	DPDT Time Delay	SPST-NO Aux. Optional
Contact Rating (Amps)	Signal to 2 - 10	Signal to 10	Signal to 5	Signal to 10 - 25	Signal to 10	50
Bi-Directional Switching	Yes	Yes	Yes	Yes	Yes	Yes
Contact Voltage (Vdc)	28	28	28	28	28	28
Coil Voltage (Vdc)	5 to 48	6 to 28	6 to 48	6 to 48	28	6 to 28
Sealing	Hermetic	Hermetic	Hermetic	Hermetic	Hermetic	Hermetic
MIL SPEC	MIL-PRF-39016	MIL-PRF-6106	MIL-PRF-83536	MIL-PRF-83536	MIL-PRF-83726	MIL-PRF-6106

**FOR MORE INFORMATION, CONTACT TE'S
PRODUCT INFORMATION CENTER: 1-800-522-6752**