# A1077B ✔ ACTIVE

Hartman

TE Internal #: 1616081-1

General Purpose Contactor, DC, SPDT, 230 A Contact Rating, 30 VDC Coil Voltage, Chassis Mount, Environmentally Sealed

View on TE.com >

Relays & Contactors > Electromechanical Relays > SPDT DC Contactors, 200A



Relay & Contactor Type: **General Purpose Contactor**

Contact Current Rating: **230 A**

Contact Arrangement: **SPDT**

Current Type: **DC**

Coil Voltage Rating: **30 VDC**

All SPDT DC Contactors, 200A (10)

## Features

### Product Type Features

| | |
|---|---|
| Relay & Contactor Type | General Purpose Contactor |

### Configuration Features

| | |
|---|---|
| Auxiliary Switch Contact Arrangement | DPDT |
| Contact Arrangement | SPDT |
| Contact Number of Poles | 1 |

### Electrical Characteristics

| | |
|---|---|
| Contact Switching Voltage (Max) | 28 VDC |
| Contact Current Rating | 230 A |
| Coil Voltage Rating | 30 VDC |
| Coil Resistance | 50 Ω |

### Body Features

| | |
|---|---|
| Enclosure Type | Environmentally Sealed |

### Termination Features

| | |
|---|---|
| Auxiliary Termination & Connection Type | 6-32 UNC-2A Stud |
| Main Termination & Connection Type | 1/4-28 UNF-2A Stud |
| Coil Termination & Connection Type | 6-32 UNC-2A Stud |

### Mechanical Attachment

| | |
|---|---|
| Torque (Main) | 56.3 in-lbs |
| Product Mounting Feature Type | Mounting Plate |
| Torque (Auxiliary) | 7.5 in-lbs |
| Torque (Coil) | 7.5 in-lbs |
| Product Mount Type | Chassis Mount |

### Operation/Application

| | |
|---|---|
| Current Type | DC |

### Other

| | |
|---|---|
| Contact Current Class | >200 – ≤500 A |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked.Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # CAT-DC-A1077
SPDT DC Contactors, 200A

## Customers Also Bought



TE Part #ZPF000000000000570
020-0511-20

## Documents

### Product Drawings

A1077B (FAA/PMA)=RELAY

English