



Relays & Contactors > Electromechanical Relays > DC Contactor: Small SPST 500A



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

Contact Current Rating: **500 A**

Contact Arrangement: **SPST NO DB**

Coil Voltage Rating: **28 VDC**

Main Termination & Connection Type: **1/4-28 UNF-2A Stud**

[All DC Contactor: Small SPST 500A \(7\)](#)

Features

Product Type Features

Relay & Contactor Type	General Purpose Contactor
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Configuration Features

Contact Number of Poles	1
Contact Arrangement	SPST NO DB

Electrical Characteristics

Coil Resistance	165.8 Ω
Contact Current Rating	500 A
Coil Voltage Rating	28 VDC
Contact Switching Voltage (Max)	28 VDC

Termination Features

Auxiliary Termination & Connection Type	D-Sub
Main Termination & Connection Type	1/4-28 UNF-2A Stud
Coil Termination & Connection Type	D-Sub

Mechanical Attachment

Torque (Main)	56 in-lbs
Product Mount Type	Bus Bar Mount

Other



Contact Current Class	>200 – ≤500 A
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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) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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 # 2-1616970-8
[K500A7C01](#)

Also in the Series | [HARTMAN K Series](#)



DC Relays(29)

General Purpose Contactors(30)

Customers Also Bought

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

TE Part #DT04-2P
REC, 2P, GRY, N

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts

TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT

TE Part #281934-2
SINGLE WIRE SEAL

TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

Documents

Product Drawings
K500B4B01=CONT.-SPST N.O. DOUBLE BREAK
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_7-1616946-0_B.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_7-1616946-0_B.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_7-1616946-0_B.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

K500B4B01

General Purpose Contactor, SPST NO DB, 500 A Contact Rating, 28 VDC Coil
Voltage, Bus Bar Mount, HARTMAN K Series



Datasheets & Catalog Pages

7-1616946-0_sec6_K500B4B01

English

relays_brochure

English