



Relays & Contactors > Electromechanical Relays > Power Relay, 500A, Standard, Bistable, 2 Coils, Polarized



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

Coil Magnetic System: **Bistable, 2 Coils, Polarized**

Contact Arrangement: **1 Form A SPST-NO**

Current Type: **DC**

Contact Current Rating: **500 A**

[All Power Relay, 500A, Standard, Bistable, 2 Coils, Polarized \(6\)](#)

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

Coil Special Features	Coil Suppression Diode
Contact Number of Poles	1
Contact Arrangement	1 Form A SPST-NO

Electrical Characteristics

Coil Resistance	2.7 – 3.8 Ω
Contact Current Rating	500 A
Coil Voltage Rating	28 VDC
Contact Voltage Rating	28 VDC
Coil Power Rating DC	.073 W

Body Features

Enclosure Type	Environmentally Sealed
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Contact Features

Contact Material	Silver Alloy
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Termination Features

Auxiliary Termination & Connection Type	M4 Screw
Main Termination & Connection Type	M12 Male
Coil Termination & Connection Type	M4 Screw

Mechanical Attachment

Product Mounting Feature Type	Mounting Brackets
Product Mount Type	Chassis Mount

Dimensions

Product Width	94 mm[3.7 in]
Product Length	127.5 mm[5.01 in]
Product Height	65.5 mm[2.57 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Coil Magnetic System	Bistable, 2 Coils, Polarized
Current Type	DC

Packaging Features

Packaging Method	Carton
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Other

Contact Current Class	>200 – ≤500 A
Coil Power Rating Class	≤.15 W
Height Class (Mechanical)	>45 – ≤70 mm[>1.772 – ≤2.756 in]
Length Class (Mechanical)	>70 mm[>2.756 in]
Width Class (Mechanical)	>33 mm[>1.299 in]

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 Yet Reviewed
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: FEB 2026 (253)
Candidate List Declared Against: Not Yet Reviewed
SVHC > Threshold:
Pb (4% in Component)

Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not reviewed 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-AL6-KSPR30500
Power Relay, 500A, Standard, Bistable, 2 Coils, Polarized

Also in the Series | KISSLING Series 30

DC Relays(38)

Electromechanical Relays(38)

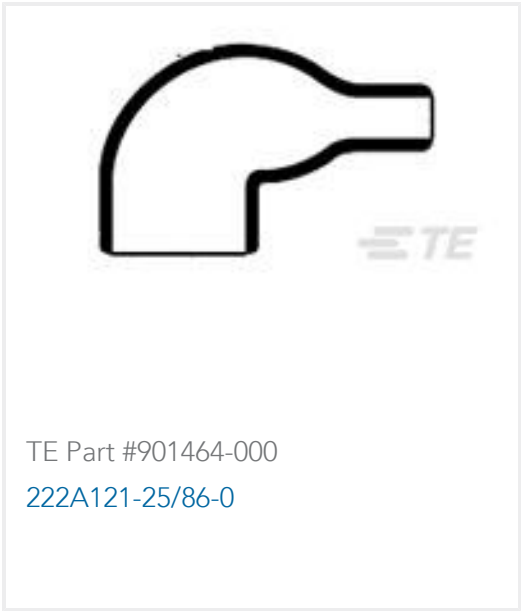
Intelligent Relays(8)



Customers Also Bought



TE Part #K1128688
Battery Disconnecter 35-411-130-R-900



TE Part #901464-000
222A121-25/86-0



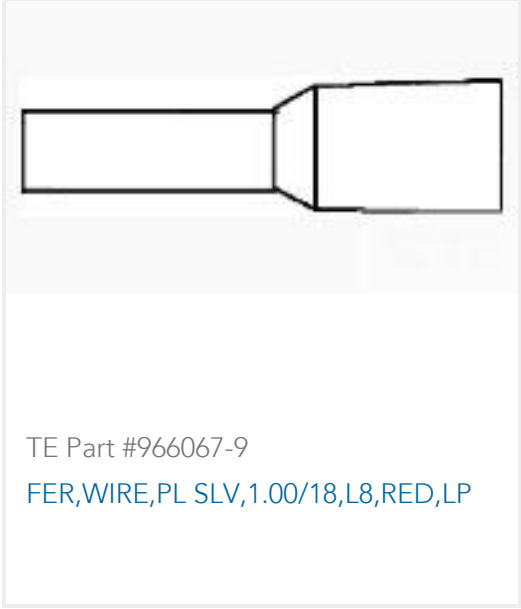
TE Part #YDT04-2P-P06000000
REC, 2P, BLK, BUSBAR, NI



TE Part #5-166051-1
HD 20 SOCKET ON MINI-REEL 500



TE Part #926471-3
1P UNIV MNL ST GEH



TE Part #966067-9
FER,WIRE,PL SLV,1.00/18,L8,RED,LP



TE Part #6-1393246-6
W23-X1A1G-15=W23/W31-



TE Part #7-1393246-1
W23-X1A1G-30=W23/W31



TE Part #7-1393246-6
W23-X1A1G-50=W23/W31



TE Part #826942-4
4P MOD2 STIFT LEI

Documents

Product Drawings

Bi-Relay 30-511-12A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_30-511-12A_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_30-511-12A_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_30-511-12A_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

30-511-12A

General Purpose Power Relay, DC, Bistable, 2 Coils, Polarized, 1 Form A SPST-NO, 500 A Contact Rating, 28 VDC Coil Voltage, KISSLING Series 30



Datasheets & Catalog Pages

KISSLING SINGLE POLE BI-STABLE RELAYS Series 30 / 500A

English