



Relays & Contactors > Electromechanical Relays > Power Relay, 300A, Bistable, 2 Coils, Polarized, EC



Relay & Contactor Type: **Intelligent Power Relay**

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

Contact Arrangement: **1 Form X SPST-NO-DM**

Contact Current Rating: **300 A**

Coil Voltage Rating: **18 VDC, 32 VDC**

[All Power Relay, 300A, Bistable, 2 Coils, Polarized, EC \(6\)](#)

Features

Product Type Features

Relay & Contactor Type	Intelligent Power Relay
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Configuration Features

Coil Special Features	Coil Suppression Diode
Relay Options	Safety Coil Intelligence Feature
Contact Number of Poles	1
Contact Arrangement	1 Form X SPST-NO-DM

Electrical Characteristics

Coil Resistance	7.8 – 8.4 Ω
Contact Current Rating	300 A
Coil Voltage Rating	18 VDC, 32 VDC
Contact Voltage Rating	24 VDC
Coil Power Rating DC	.067 W

Contact Features

Contact Material	AgSnO2
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Mechanical Attachment



Product Mounting Feature Type	Flange with Mounting Holes
Product Mount Type	Panel Mount

Dimensions

Product Width	60 mm[2.36 in]
Product Length	78 mm[3.07 in]
Product Height	89 mm[3.5 in]

Operation/Application

Coil Magnetic System	Bistable, 2 Coils, Polarized
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Packaging Features

Packaging Method	Carton
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Other

Contact Current Class	300 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	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (4.77% in Component Part) 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 Regulation, the information TE provides



on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # K1136755
Relay 31-311-11-S

Also in the Series | KISSLING Series 31



Automotive Relays(23)



Intelligent Relays(14)

Customers Also Bought



TE Part #K1135221
Battery Disconnecter 35-210-060-R




TE Part #K1127698
Battery Disconnecter 35-524-100-S



TE Part #K1136757
Relay 31-311-12-S



TE Part #K1002983
Toggle Switch 07-2-2-17



TE Part #K1041530
Switch guard 08-0-0-01 905



TE Part #K1060251
Relay 29-311-12-915



TE Part #K1006083
Relay 30-313-12



TE Part #K1021432
Relay 29-311-11



Documents

Product Drawings

Relay 31-313-12-S

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_31-313-12-S_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_31-313-12-S_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_31-313-12-S_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

KISSLING BI-STABLE RELAYS WITH INTERNAL CONTROL ELECTRONICS Series 31 / SAFETY

English