31-313-12-S ✔ ACTIVE

KISSLING | KISSLING Series 31

TE Internal #: K1143046

Intelligent Power Relay, Bistable, 2 Coils, Polarized, .067 W Coil, 7.8 – 8.4 ohm Coil Resistance, KISSLING Series 31, Power Relays

View on TE.com >

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



Relay Type: **Intelligent Power Relay**

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

Coil Power Rating DC: **.067 W**

Coil Resistance: **7.8 – 8.4 Ω**

Coil Special Features: **Coil Suppression Diode**

All Power Relay, 300A, Bistable, 2 Coils, Polarized, EC (6)

Features

Product Type Features

Relay Type	Intelligent Power Relay

Configuration Features

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

Electrical Characteristics

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

Contact Features

Contact Material	AgSnO2

Termination Features

Relay Connection Type	Terminals

Terminal Configuration	Screw Terminals

Mechanical Attachment

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

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

Packaging Features

Packaging Method	Carton

Other

Contact Current Class	300 A

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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: JUNE 2024 (241) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.1% 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

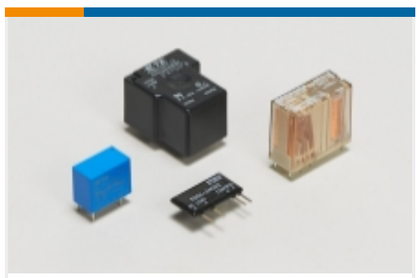


TE Part # K1136755
Relay 31-311-11-S

Also in the Series | KISSLING Series 31



Automotive High Current Relays(17)



Power Relays(6)

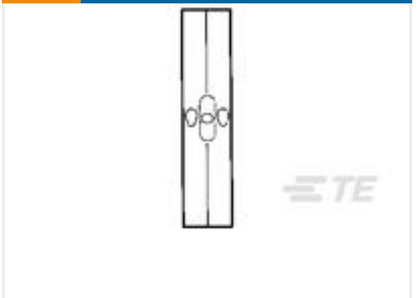
Customers Also Bought



TE Part #K1022530
Switch guard 07-0-0-01



TE Part #K1060259
Relay 29-511-12



TE Part #8-36906-3
SPLICE,SOLIS BUTT 8



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

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



TE Part #K1006083
Relay 30-313-12



TE Part #K1060663
Battery Disconnector 35-202



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



TE Part #K1145244
Push button switch TS-211-RT62



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

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1969656-1 2834055-1 CRGCQ2010J3K3 RH73H2A40MKTN SMW73R0JT 1-794222-0 2377783-2
917696-1 SBCHE64R7K 2005330-1 2310537-1 2380312-2 3430B2F51RTDF 1393431-1 175977-2
2-292161-3 936348-1 MPT100C18RF TE50BR39J 141991-2 1743455-2 650075-000 SBCHE154R7K
U5254-000005-030PA 1-962915-1 1903112-2 3-1393225-0 3631B101LL ROX05SJ18R CPF0402B37K4E1