

6-1423008-6 ✓ ACTIVE

TE Internal #: 6-1423008-6

Power Relays, Standard, Monostable, 1700 mW Coil Power Rating

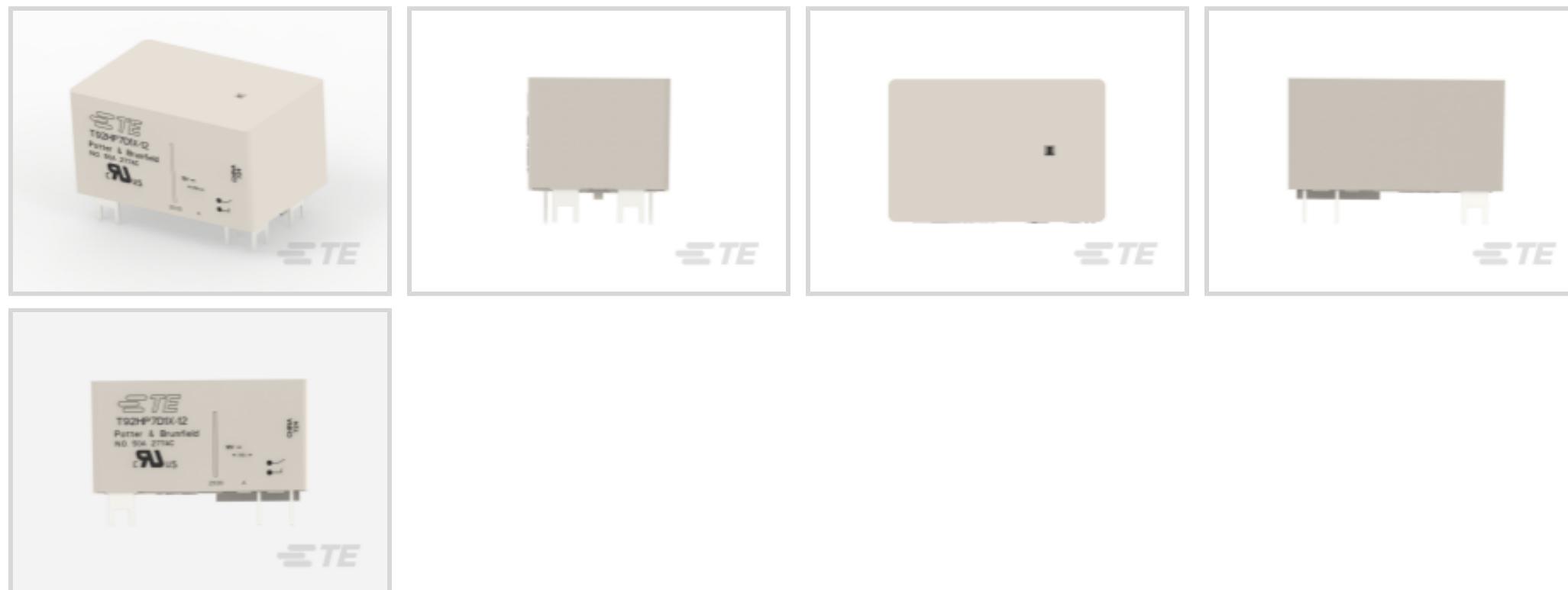
DC, 86 Ω Coil Resistance, UL Coil Insulation Class F, 12 VDC Coil

Voltage, 2 Form A (NO)

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Relays & Contactors > Relays > Power Relays > 2 Pole Relays: Power Relays, Standard, Monostable, 1700 mW



Relay Type: **Standard**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **1700 mW**

Coil Resistance: **86 Ω**

Coil Special Features: **UL Coil Insulation Class F**

[All 2 Pole Relays: Power Relays, Standard, Monostable, 1700 mW \(5\)](#)

Features

Product Type Features

Relay Type	Standard
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Configuration Features

Insulation Special Features	8000V Initial Surge Withstand Voltage between Contacts & Coil
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	2 Form A (NO)
Contact Number of Poles	2

Electrical Characteristics

Output Current Rating	0 - 3 Arms, 0 - 50 Arms
Coil Current	.14 A
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Coil Power Rating	1.7 W
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms

Insulation Initial Resistance	1000 MΩ
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Output Voltage (Max)	600 V
Contact Limiting Making Current	50 A
Contact Limiting Continuous Current	50 A
Output Voltage Rating (AC Relays)	0 - 277 Vrms
Output Current (Min)	.5 A
Input Voltage	0 - 12 VDC
Contact Limiting Breaking Current	50 A
Coil Power Rating DC	1700 mW
Coil Resistance	86 Ω
Coil Voltage Rating	12 VDC
Contact Current Rating	50 A
Contact Switching Load (Min)	500mA @ 12V
Contact Switching Voltage (Max)	600 VAC
Contact Voltage Rating	277 VAC

Body Features

Enclosure Type	Plastic Dust Cover
Product Weight	86 g

Contact Features

Contact Plating Material	Silver Nickel
Contact Material	Ag Alloy

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Dimensions

Insulation Clearance Between Contact & Coil	8 mm[.31 in]
Insulation Creepage Between Contact & Coil	8 mm[.31 in]
Product Width	34.54 mm[1.36 in]
Product Length	52.32 mm[2.05 in]

Product Height	30.73 mm[1.21 in]
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Usage Conditions

Environmental Ambient Temperature (Max)	85 °C[185 °F]
Operating Temperature Range	-55 - 85 °C[-67 - 185 °F]

Operation/Application

Actuating System	DC
Output Switching	Random
Shock Resistance	100G's, 11ms
Output Current Type	AC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Box & Tray, Bundle
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Other

Insulation Initial Dielectric Between Coil & Contact Class	4000 V
Insulation Creepage Class	8 - 9.5 mm
Coil Power Rating Class	0 - 1700 mW
Insulation Clearance Class	8 - 9.5 mm
Contact Current Class	0 - 3 A, 0 - 50 A

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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

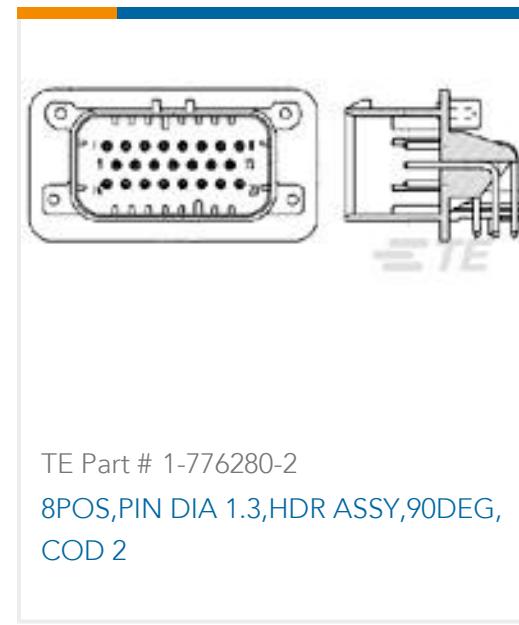


TE Part # CAT-Z30-T92H
2 Pole Relays: Power Relays, Standard, Monostable, 1700 mW

Customers Also Bought



TE Part # 4-1879234-3
SMF5 30K 5%



TE Part # 1-776280-2
8POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 2



TE Part # 1676625-9
HSA25 5K6 5%



TE Part # 2-1879502-8
CRGH2512 5% 180K 2W



TE Part # 1-1879502-4
CRGH2512 5% 47K 2W



TE Part # F86517-000
B-155-09-35-22-5



TE Part # 1743386-1
MQS HDR 8P ASSY(V-TYPE/A)



TE Part # 1-826646-0
10P AMPMODU II STIFT LEI



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6-1423008-6_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1423008-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1423008-6_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Datasheet - Ev Charging Relays Contactors](#)

English

[POTTER & BRUMFIELD POWER RELAY T92 SERIES](#)

English

[T92 Two-Pole, 30 Amp, PC Board or Panel Mount Relay](#)

English

[T92H Series Two-pole Power Relay](#)

English

Product Specifications

[T92 TRAY PACKING](#)

English

[Definitions General Purpose Relays](#)

English

Agency Approvals

[UL](#)

English