T92S11A22-240 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield T92

TE Internal #: 8-1393211-7

TE Internal Description: T92S11A22-240

P&B 40A POWER PCB RELAY-T92 SERIES

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Relays, Contactors & Switches > Relays > Power Relays > P&B 40A POWER PCB RELAY-T92 SERIES

Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, AC**

Coil Power Rating Class: **[3 – 4 VA]**

Coil Power Rating AC: **4 VA**

Coil Resistance: **3800 Ω**

All P&B 40A POWER PCB RELAY-T92 SERIES (66)

Features

Product Type Features

Power Relay Type	Standard

Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Contact Limiting Making Current	40 A
Contact Limiting Short-Time Current	30 A
Contact Limiting Continuous Current	40 A
Insulation Creepage Class	8 mm
Insulation Initial Dielectric Between Adjacent Contacts	2000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Initial Resistance	1000 MΩ
Insulation Creepage Between Contact & Coil	9.5 mm[.374 in]
Contact Limiting Breaking Current	40 A
Coil Magnetic System	Monostable, AC
	3 – 4 VA
Coil Power Rating AC	4 VA
Coil Resistance	3800 Ω
Coil Special Features	UL Coil Insulation Class F

Coil Voltage Rating	240 VAC
Contact Switching Load (Min)	500mA @ 12V
Contact Switching Voltage (Max)	600 VAC
Contact Voltage Rating	277 VAC

Body Features

Insulation Special Features	6000V Initial Surge Withstand Voltage between Contacts & Coil
Product Weight	86 g[3.034 oz]

Contact Features

Contact Arrangement	2 Form C (CO)
Contact Current Class	16 A, 20 – 30 A
Contact Current Rating (Max)	30 A
Contact Material	AgCdO
Contact Number of Poles	2
Terminal Type	Quick Connect

Mechanical Attachment

Relay Mounting Type	Flange Mount, Panel Mount

Dimensions

Length Class (Mechanical)	50 – 60 mm
Insulation Clearance Class	5 – 8 mm
Height Class (Mechanical)	25 – 30 mm
Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Width Class (Mechanical)	30 – 40 mm
Product Width	34.5 mm[1.359 in]
Product Length	52.1 mm[2.051 in]
Product Height	26.4 mm[1.039 in]

Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	65 °C[149 °F]
Environmental Category of Protection	RTII

Packaging Features

Packaging Method	Package

T92S11A22-240

Product Compliance

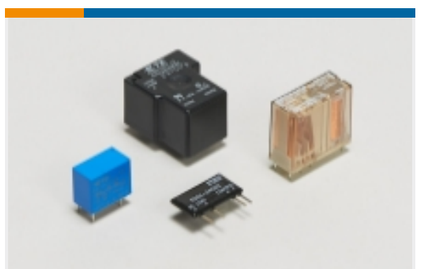
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUN 2018 (191) Cadmium oxide (10% in contact)
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUN 2018 (191)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°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 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.

Also in the Series | Potter & Brumfield T92



Power Relays(66)

Customers Also Bought

TE Model / Part #4-1393250-0
W28-XQ1A-7=W28

TE Model / Part #5-1393252-5
W67-X2Q12-10=M6/M7/M9/W6/W7

TE Model / Part #8-640917-1
RECEPT,PIDG FASTON 22-18 187

TE Model / Part #1571076-9
PRASA1-16F-BB000=POWER ROCKER

TE Model / Part #3-1393253-4
W68-X2Q12-20=M6/M7/M9/W6/W7

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_8-1393211-7_E.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_8-1393211-7_E.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_8-1393211-7_E.3d_stp.zip

English

Datasheets & Catalog Pages

T92 Two-Pole, 30 Amp, PC Board or Panel Mount Relay

English

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions Relays

English

T92S11A22-240

Product Environmental Compliance

TE Material Declaration

English