



POTTER & BRUMFIELD POWER RELAY T92H 45A/50A

TE Connectivity (TE)'s Potter & Brumfield T92H Series two-pole relay is primarily designed for EV charging, power supply, HVAC, lighting and other industrial control applications. The T92H products are upgraded to 45A/50A rating which enables usage in higher power environments such as EV charging, static var generation, active power filter applications.

They are extended to multiple mounting styles including PCB mounting and quick connect mounting for selection.

BENEFITS

- High switching capacity with small size
- Switching capability rated 45A/50A
- Option to replace 30-50A contactors

FEATURE

- Switching capability at 50A (DC coil) / 45A (AC coil)
- Overload capability at 75A (DC coil) / 67A (AC coil)
- High dielectric strength
- Ambient temperature: -40°C ~ +85°C
- Cd-free contact materials

Potter & Brumfield Power Relay T92H 45A/50A

APPLICATIONS

- EV charging
- Power supply
- Static var generator
- Active power filter
- HVAC
- Lighting
- Industrial controls

MATERIAL

- Ag alloy

APPROVALS

- UL508

ELECTRICAL

- 50A, 277VAC, resistive, 6k cycles (DC coil)
- 45A, 277VAC, resistive, 6k cycles (AC coil)

PARTNUMBER LIST

Product Code	Enclosure	Contacts	Coil	Mounting	Contact Material	Coil	Part Number
T92HP7D1X-12	Plastic dust cover	2 form A, 2 NO	DC	PCB terminals	Special Ag Alloy X (Cd Free)	12VDC	6-1423008-6
T92HP7D1X-24						24VDC	6-1423008-7
T92HP7D1X-48						48VDC	6-1423008-9
T92HS7D1X-24	24VDC					7-1423008-5	
T92HP7A2X-120	Plastic dust cover		AC	Panel mount + quick connect		120VAC	7-1423008-2

te.com

© 2022 TE Connectivity. All Rights Reserved.

TE Connectivity, TE connectivity (logo) and Every Connection Counts are trademarks owned or licensed by TE Connectivity. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

07/22 AK