

IAC-5E ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield IAC AC Input Module

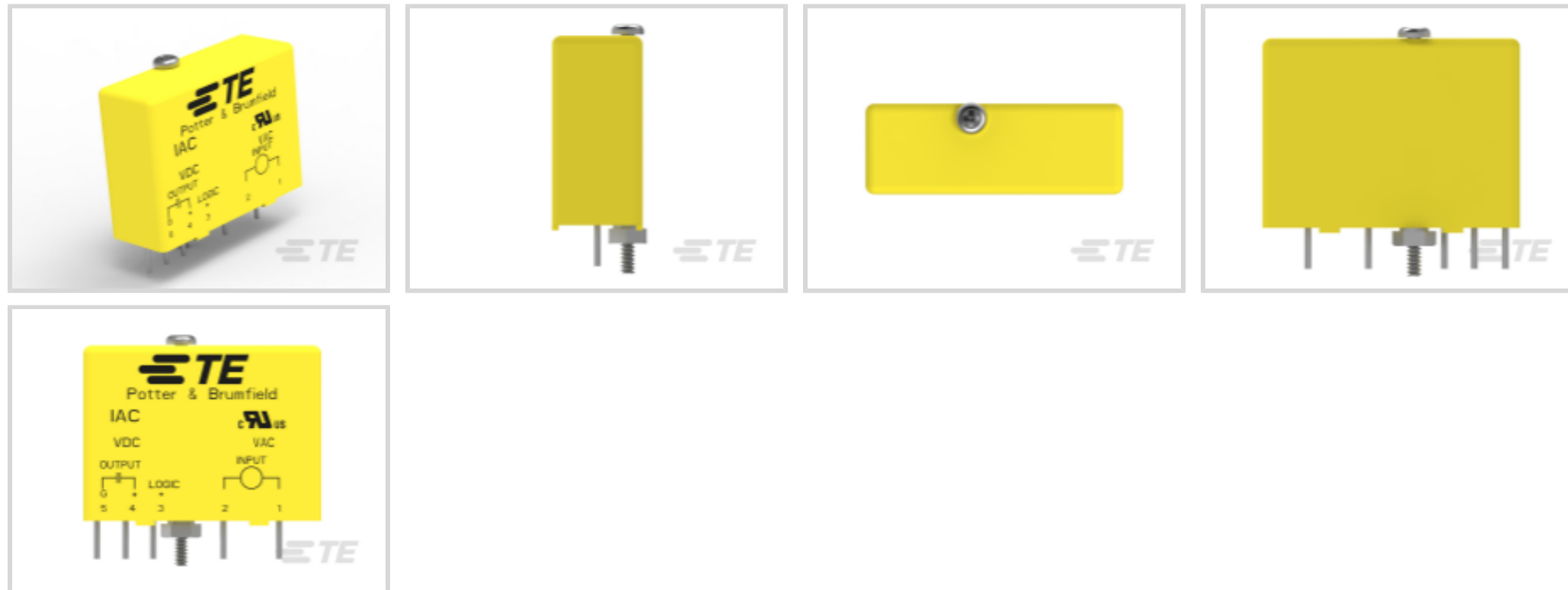
TE Internal #: 1393028-6

Power Relays, Solid State, 1 Form A (SPST-NO), Printed Circuit Board, Potter & Brumfield IAC AC Input Module

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > Power Relays > SSR PCB Mount, Slim Relays



Power Relay Type: **Solid State**

Contact Arrangement: **1 Form A (SPST-NO)**

Relay Mounting Type: **Printed Circuit Board**

[All SSR PCB Mount, Slim Relays \(6\)](#)

Features

Product Type Features

Output Type	DC
Power Relay Type	Solid State

Configuration Features

Output Switching	Zero
------------------	------

Electrical Characteristics

Output Current Rating	.05 A
Input Voltage Typical	24 VAC
Output Voltage (Max)	30 V
Output Voltage Rating (DC Relays)	30 VDC
Input Voltage	18 – 36 VAC
Output Current (Min)	0 A
Logic Voltage	5 VDC
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

Body Features

--	--



Product Weight	35 g[1.38 oz]
----------------	---------------

Case Color	Yellow
------------	--------

Contact Features

Switch Arrangement	1 Form A (SPST-NO)
--------------------	--------------------

Contact Arrangement	1 Form A (SPST-NO)
---------------------	--------------------

Termination Features

Relay Termination Type	Printed Circuit Terminals
------------------------	---------------------------

Mechanical Attachment

Coupling	Optical
----------	---------

Relay Mounting Type	Printed Circuit Board
---------------------	-----------------------

Housing Features

Relay Housing Style	Industry Standard
---------------------	-------------------

Dimensions

Dimensions (L x W x H) (Approximate)	43.1 x 15.2 x 31.7 mm[1.697 x .598 x 1.248 in]
--------------------------------------	--

Usage Conditions

Operating Temperature Range	-30 – 80 °C
-----------------------------	-------------

Operation/Application

R-Switch & slimSSR Relays	No
---------------------------	----

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	<p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JUNE 2022 (224)</p> <p>SVHC > Threshold:</p> <p>Pb (88% in Component Part)</p>
--	---

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
-----------------	---

Solder Process Capability

Wave solder capable to 260°C

Product Compliance Disclaimer

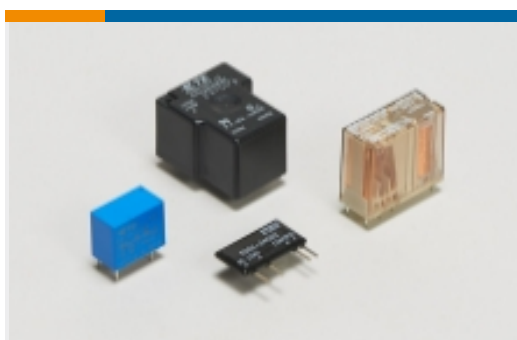
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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-P851-IA1
SSR PCB Mount, Slim Relays

Also in the Series | Potter & Brumfield IAC AC Input Module



Power Relays(8)

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1393028-6_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1393028-6_C1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1393028-6_C1.2d_dxf.zip](#)



English

[3D PDF](#)

3D

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

Datasheets & Catalog Pages

[IAC_Datasheet](#)

English

[IAC AC Input Module](#)

English