

# IACM-5 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield IAC AC Input Module

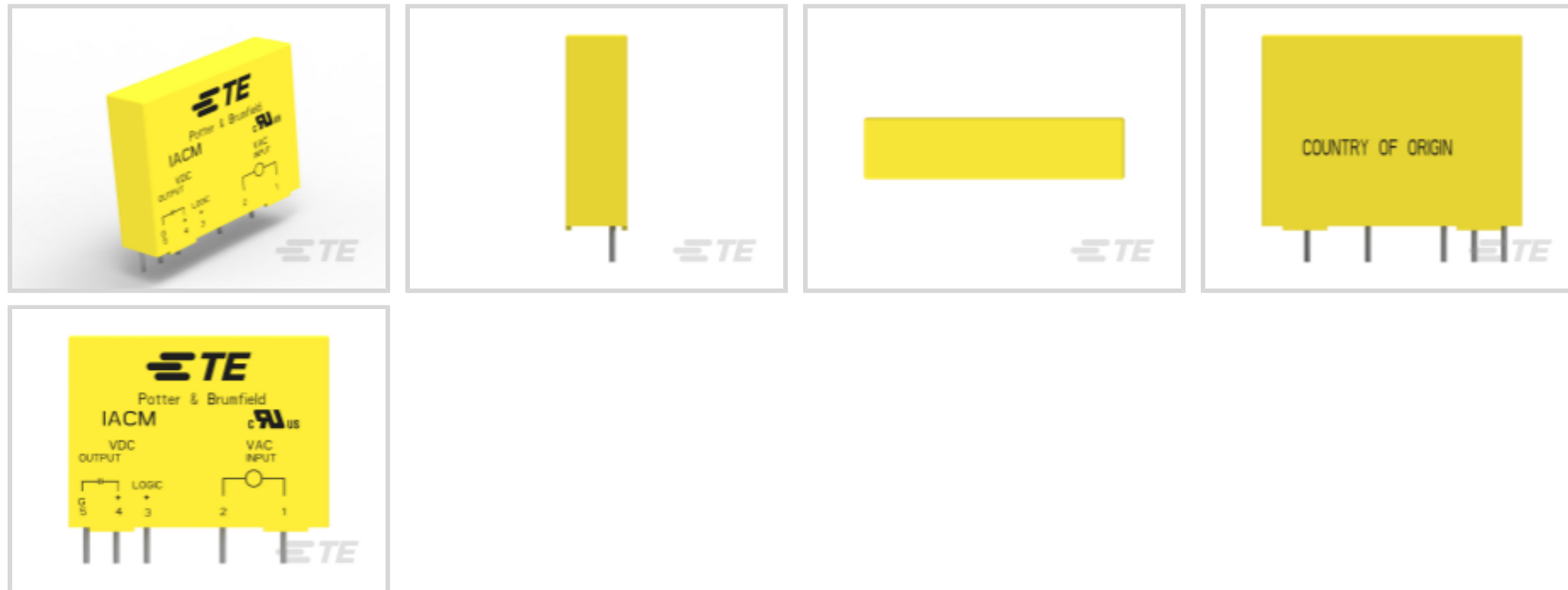
TE Internal #: 1-1393028-0

Power Relays, Solid State, 1 Form A (SPST-NO), Printed Circuit Board

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > Power Relays > SSR Slim Input AC Modules, Potter & Brumfield



Power Relay Type: **Solid State**

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

Relay Mounting Type: **Printed Circuit Board**

[All SSR Slim Input AC Modules, Potter & Brumfield \(5\)](#)

## Features

### Product Type Features

Output Type	DC
Power Relay Type	Solid State

### Configuration Features

Output Switching	Zero
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### Electrical Characteristics

Output Current Rating	.05 A
Input Voltage Typical	120 VAC
Output Voltage (Max)	30 V
Output Voltage Rating (DC Relays)	30 VDC
Input Voltage	90 – 140 VAC
Output Current (Min)	0 A
Logic Voltage	5 VDC
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

### Body Features



Product Weight	22.1 g[.87 oz]
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Case Color	Yellow
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### Contact Features

Switch Arrangement	1 Form A (SPST-NO)
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Contact Arrangement	1 Form A (SPST-NO)
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### Termination Features

Relay Termination Type	Printed Circuit Terminals
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### Mechanical Attachment

Coupling	Optical
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Relay Mounting Type	Printed Circuit Board
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### Housing Features

Relay Housing Style	Slimline
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### Dimensions

Dimensions (L x W x H) (Approximate)	43.6 x 10.3 x 25.5 mm[1.717 x .406 x 1.004 in]
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### Usage Conditions

Operating Temperature Range	-30 – 80 °C
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### Operation/Application

R-Switch & slimSSR Relays	Yes
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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 &gt; Threshold:</p> <p>Pb (92% in Component Part)</p>
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#### 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
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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

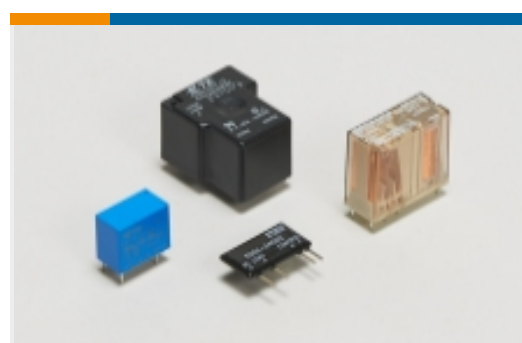


TE Part # 1393028-7  
SLIM INPUT AC MOD, 15V DC LOGIC-  
120VAC IP



TE Part # 8-1393028-9  
SLIM INPUT AC MOD, 24V DC LOGIC-  
120VAC IP

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



Power Relays(8)

## Documents

## CAD Files

## Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393028-0\\_C1.3d\\_igs.zip](#)

English

## Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393028-0\\_C1.3d\\_stp.zip](#)

English

## Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393028-0\\_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

[IACM Slim Line AC Input Module Data Sheet](#)

English