

IACM-24

✓ ACTIVE

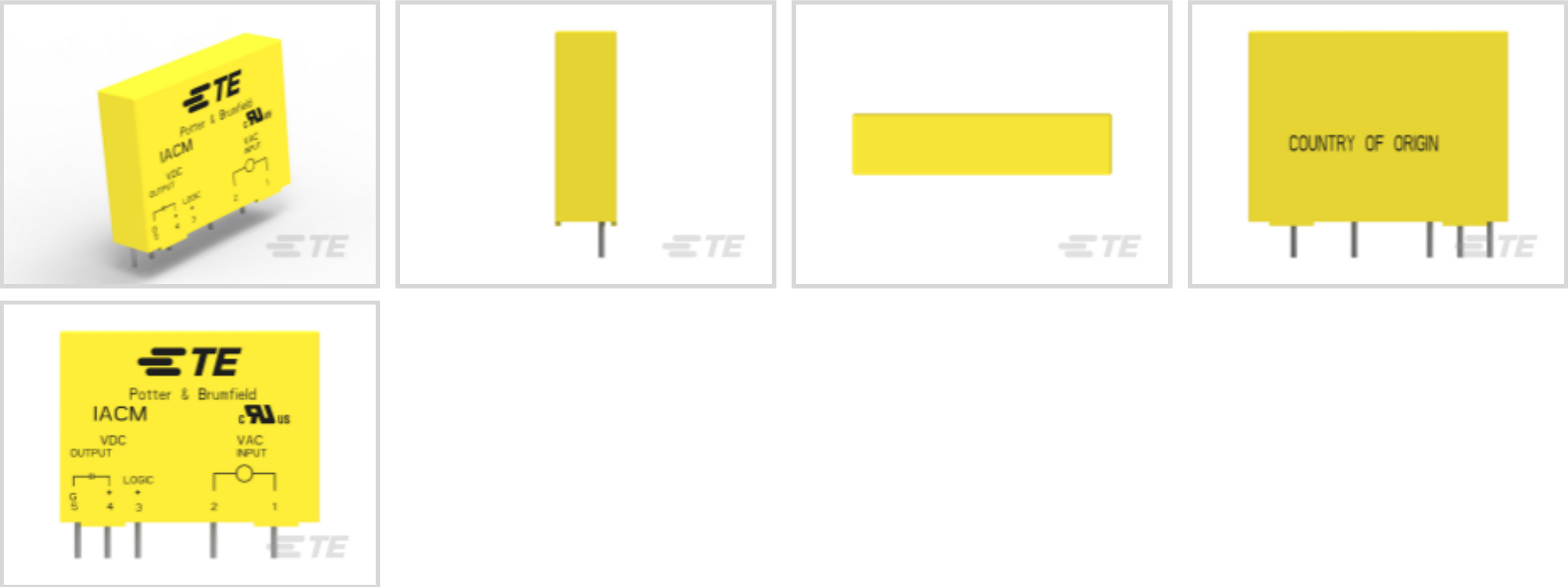
TE Internal #: 8-1393028-9

AC Input Solid State Relay, 1 Form A SPST-NO, 90 – 140 VAC Input, 30 VDC Output, .05 A Contact Rating, DC Output, Board Mount, Yellow

[View on TE.com >](#)



Relays & Contactors > Solid State Relays



Contact Arrangement: 1 Form A SPST-NO

Input Current Type: AC

Input Voltage: 90 – 140 VAC

Output Voltage Rating: 30 VDC

Output Switching: Zero

Features

Configuration Features

Contact Arrangement	1 Form A SPST-NO
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Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Input Voltage	90 – 140 VAC
Output Voltage Rating	30 VDC
Contact Current Rating	.05 A

Body Features

Primary Product Color	Yellow
Product Weight	22.1 g[.87 oz]

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Board Mount
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Dimensions

Product Length	43.5 mm[1.71 in]
Product Width	10.3 mm[.405 in]
Product Height	25.5 mm[1 in]

Usage Conditions

Operating Temperature Range	-30 – 80 °C[-22 – 176 °F]
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Operation/Application

Input Current Type	AC
Output Switching	Zero
Output Current Type	DC

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 2025 (247) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

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-IA1A

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

Customers Also Bought

TE Part #DRC16-70SBE-P013UK

[PLG, 70P, BLK, E, SEAL BOND, B](#)

TE Part #SRK-PC-080-25-601

[PIN, SOLID, SIZE M8, 25mm2, AG](#)

TE Part #K1007153

[Toggle Switch 08-1-1-13](#)

TE Part #DTT-20-03

[CRIMP TOOL](#)

TE Part #K1060489

[Relay 29-113-12](#)

TE Part #K1008699

[Relay 26-60-05](#)

TE Part #CAT-H396-CH8172

[DEUTSCH HDP20 Housings](#)

TE Part #K1002956

[Toggle Switch 08-4-1-13](#)

TE Part #2-2176245-2

[CRGS1206 5% 56R](#)

Documents

- CAD Files

Customer View Model

[ENG_CVM_CVM_8-1393028-9_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1393028-9_C1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1393028-9_C1.2d_dxf.zip](#)



English

[3D PDF](#)

3D

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Datasheets & Catalog Pages

[IACM_Datasheet](#)

English

Agency Approvals

[UL](#)

English