

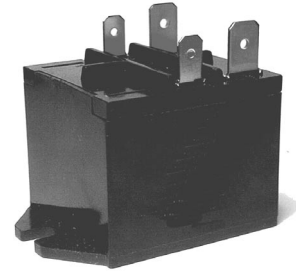


Greenwich Electronics, Inc.

CHP Series

- Panel mount design
- High capacity (15A)
- Approvals:  US (E122258)
 (R9154269)
- Applications: vending machines, light duty appliances, office machines, general purpose



COIL DATA

Nominal Voltage (AC)	Nominal Coil Current (mA) (+ 15%, -20% 20 ⁰ C)	Coil Resistance (Ω) (\pm 10% at 20 ⁰ C)
115	15	3000
220/240	6	14500

Pick-up Voltage	\leq 80% nominal
Drop-out Voltage	\geq 30% nominal
Max. Coil Voltage	110% nominal
Coil Consumption	115VAC ~ 1.7VA, 220/240VAC ~ 1.4VA

Contact

Configuration	11: 1 form A (SPST-NO)
Material	Silver (Ag) alloy
Rated Load	15A@30VDC / 250VAC
Max. Carry Current	15A
Max. Switching Voltage	30VDC, 250VAC
Max. Switching Current	20A
Max. Switching Power	250W, 3250VA

CHARACTERISTICS

Contact Resistance	Max. 50m Ω
Operate Time	\leq 6ms
Release Time	\leq 20ms
Insulation Resistance	100M Ω (@500VDC)

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Dielectric Strength:

- Between coil and contacts 2000VAC / one minute
- Between open contacts 1000VAC / one minute

Vibration Resistance

9g, 10-55Hz, 1.5mm, double amplitude (functional)

Shock Resistance

Min. 20g (functional)

Ambient Temperature

- Operate -25⁰C to 70⁰C
- Storage -25⁰C to 70⁰C

Relative Humidity

45% - 85%

Life Expectancy:

- Mechanical 5 x 10⁶
- Electrical 1 x 10⁵ Operations (at rated load)

Weight

Approx. 44 grams

ORDERING INFORMATION

CHP 11 - A115 S
I II III IV

I. Series

CHP

II. Contact configuration

11 - 1 form A

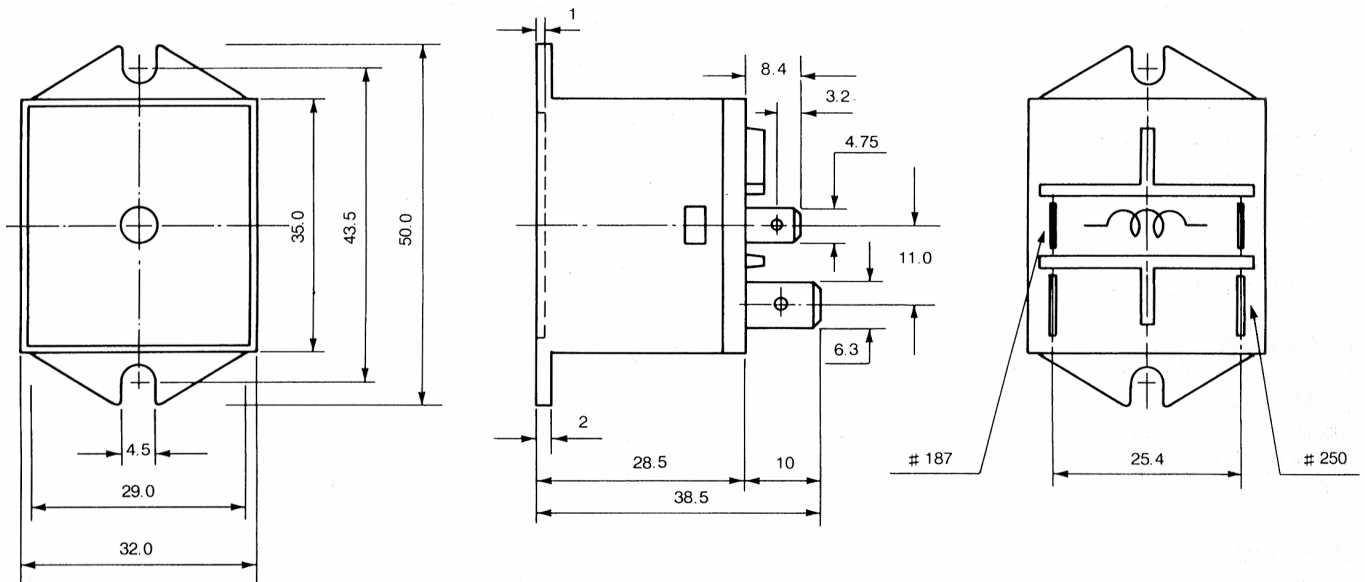
III. Coil Voltage

A115 - 115VAC, A240 - 220/240VAC

IV. Terminal form

S - Quick connect terminals

CHP Series Dimensions and Schematics (in mm)



Tolerance: ± 0.5