

Cooling Fan Module



Description

The cooling fan module is a complete electrical subsystem. It is able to set the right speed for the fan. Due to the increasing amount of power consumers (power steering, air-conditioning etc.) it is necessary to protect the engine from overheating.

Features

- Limiting continuous current up to 40 A
- Pin assignment according to ISO 7588 part 1
- Mounting bracket or clip on request

Typical Application

Fan control

Design

ELV/RoHS/WEEE compliant

Nominal Voltage

12 V

Weight

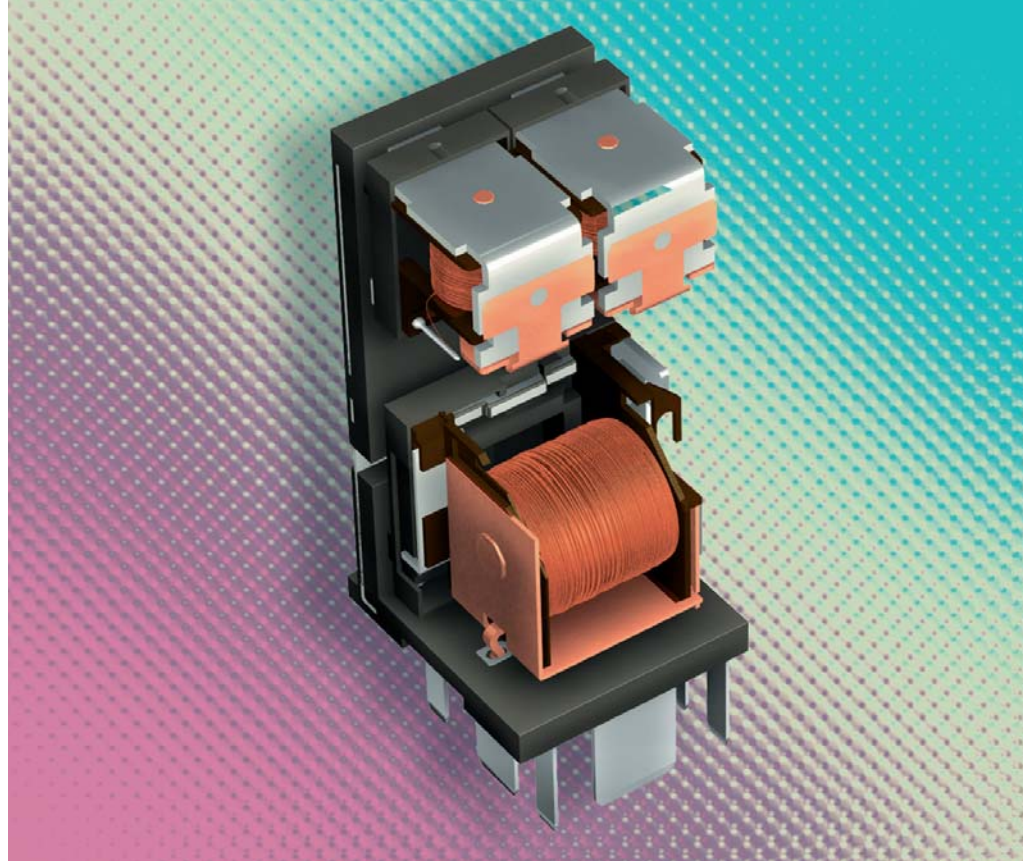
Approx. 113 g (4 oz.)

Conditions

All parametric, environmental and endurance tests are performed according to EIA Standard RS-407-A at standard test conditions unless otherwise noted:
23°C ambient temperature,
20 - 50% RH, 998.9 ±33.9 hPa.

For general storage and processing recommendations please refer to our Application Notes and especially to *Storage* in the "Glossary" page 23 or at <http://relays.tycoelectronics.com/apnotes/>

Please contact Tyco Electronics for relay application support.



141_3D01

Technical Data ¹⁾

Contact configuration	1 fan with or without series resistor: 1 Mini Relay (1 Make/1 Form A) and 1 Micro Relay (1 Make/1 Form A) 2 fans in series or in parallel: 1 Mini Relay (1 Changeover/1 Form C) + 2 Micro Relays (1 Make/1 Form A)
Contact material	AgNi0.15
Max. switching current	
On	240 A
Off	60 A
Limiting continuous current at 23°C	NC/NO 20 A/40 A
Operate time	Typ. 6 ms
Release time	Typ. 3 ms
Maximum ambient temperature range	-40 to +85°C
Dimensions (L x W x H)	39.6 x 32.4 x 102.7 mm (1.559 x 1.276 x 4.043 inches) with cover

¹⁾ For further information please contact your local sales office.

Disclaimer

All technical performance data apply to the relay as such, specific conditions of the individual application are not considered. Please always check the suitability of the relay for your intended purpose. We do not assume any responsibility or liability for not complying herewith. We recommend to complete our questionnaire and to request our technical service. Any responsibility for the application of the product remains with the customer only. All specifications are subject to change without notification. All rights of Tyco Electronics are reserved.