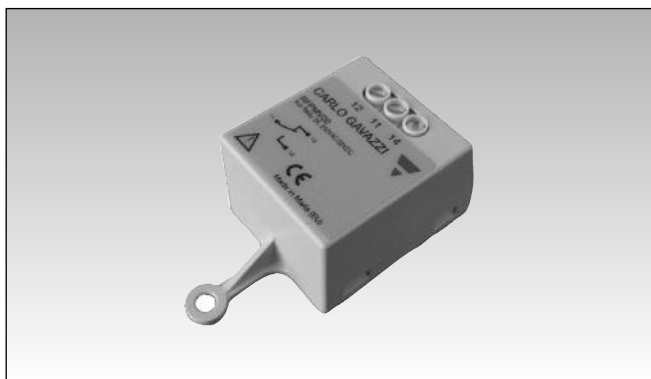


# Motor Controllers Front Mounted Plug In module Type RFPMV..



- Auxiliary alarm relay output plug-in module
- Compact and lightweight design
- RoHs compliant
- Simple to install
- CE
- UL, cUL Listed (Accessory of Listed RSBT)

## Product Specification

## Product Description

RFPM is an extremely compact, front-mounting plug-in relay output module for RSBT softstarter. RFPM provides a relay output for the alarms

generated by RSBT softstarter via a Normally Open (NO) or Normally Closed (NC) contact.

## Ordering Key

**RF PM V00**

Front Mounting

Plug-In

Module

Options

## Type Selection

Type	Options
RFPM: Auxiliary relay output plug-in module	V00 : Alarm Output with 1 relay contact

## General Specifications

Operating temperature	-20°C to +60°C (-4°F to +140°F)
Storage temperature	-40°C to +85°C (-58°F to +185°F)
Relative Humidity	<95% Non-Condensing
Protection coordination	Class 10
Pollution Degree	2
Dimensions (DxWxH)	22.5 x 30 x 56mm

## Control Input Specifications

Control type	Electromechanical relay
Number of relays	1

## Output Specifications

Utilization category	AC-15
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## Supply Specifications

Supply Voltage	Supplied internally from RSBT terminal
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## Relay Specifications

Relay configuration	Common, Normally Open (NO), Normally Closed (NC), Changeover
Contact Rating	3A, 250VAC 3A, 30VDC

## Standards

Approvals	UL, cUL Listed (E172877)
Marking	CE
LVD	IEC / EN 60947-5-1
EMC: Immunity	IEC / EN 61000-6-4
Emission	IEC / EN 61000-6-2
RoHS Compliance	YES
Electrostatic Discharge (ESD) Immunity	IEC / EN 61000-4-2 8kV, PC2 Air discharge 4kV, PC2 Contact

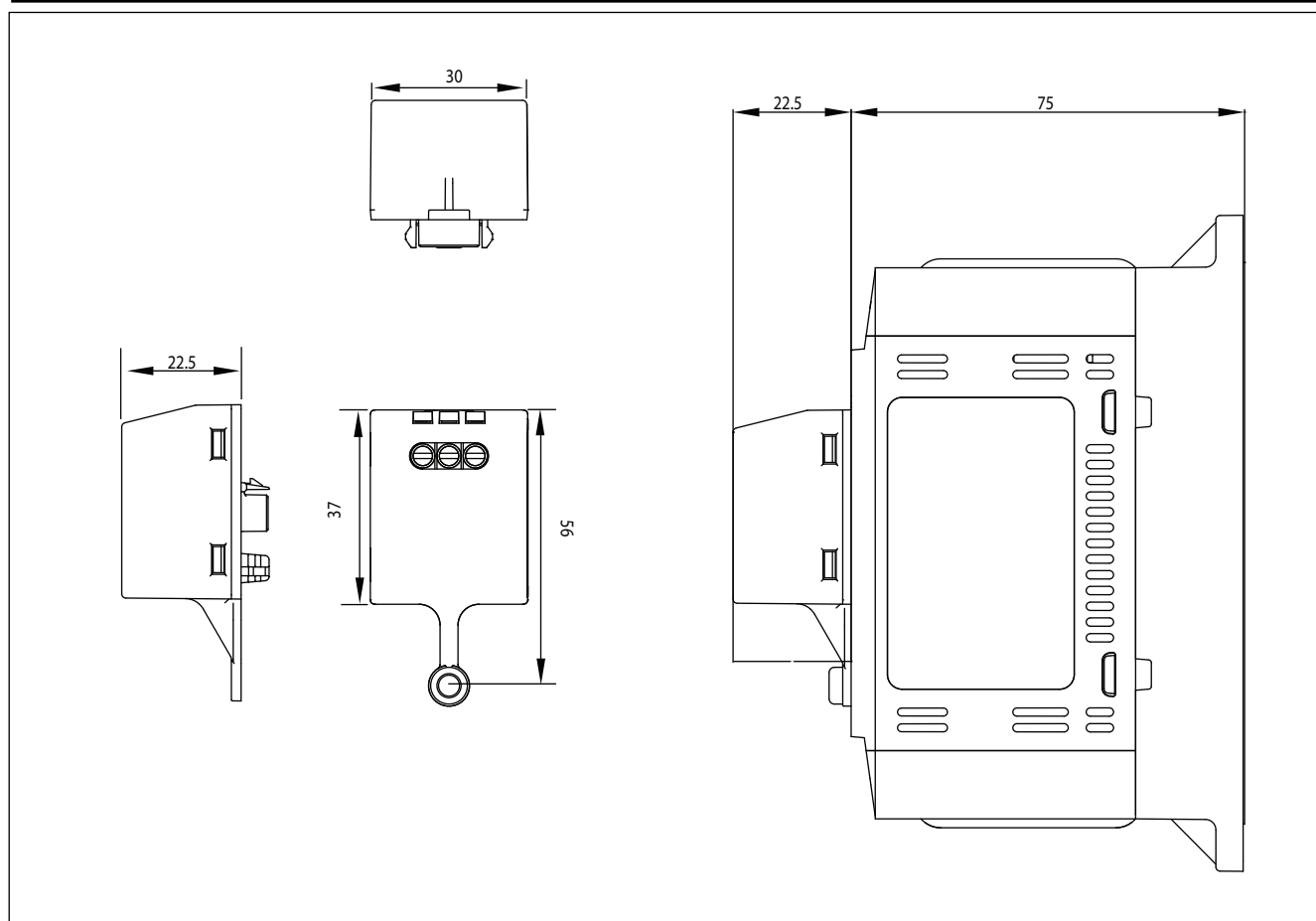
## Housing Specifications

Weight	35g (approx.)
Housing material	PA66
Housing colour	RAL7035
Protection category	IP20

## Conductor Data

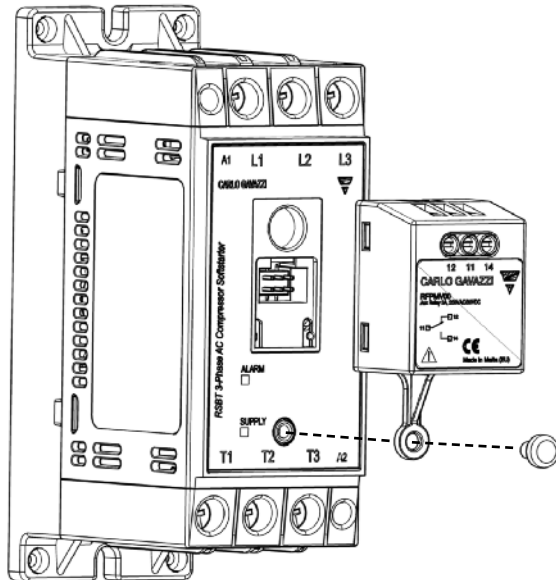
Output terminals	
Screw type (11,12,14)	M2.5
Max. Tightening torque	0.45Nm (4.0 lb.in)
Stripping length	6.0 mm
Max. cross sectional area of cable (stranded) (11,12,14)	0.2 - 2.5mm <sup>2</sup>
Max. cross sectional area of cable (solid) (11,12,14)	0.2 - 4mm <sup>2</sup>
UL/ cUL rated data	
Rigid (solid or stranded)	AWG 24 .... 12

## Dimensions



All dimensions in mm

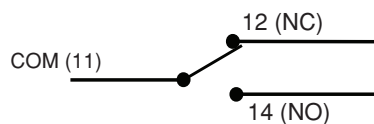
## Mounting Instructions



RFPM is a plug-in auxiliary relay module which is provided as an accessory. To install RFPM please proceed as follows:

1. Ensure that power source is disconnected before installing/servicing.
2. Remove the plastic lid located at the front of softstarter by using a screwdriver so as to uncover the terminal connector.
3. Mount RFPM as shown in the diagram by gently plugging it into the front terminal of the softstarter.
4. Screw the RFPM in place using the screw provided for a secure connection to the softstarter.

## Functional Diagram



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