

Ignition blocking relay

Introduction

A changeover relay can be used with the FM device to block the engine from being started under certain conditions. A digital output (DOOUT) is used to control the relay.



Ignition blocking relays can be used with the following FM devices:

- HCV5
- LCV5
- Pro5
- Trace5
- FM-Tco4 HCV
- FM-Tco4 LCV
- FM-Pro4
- FM-Eco4
- FM-Eco4 S
- FM-Eco4 T

You can get the latest firmware and configurator from our documentation website: doc.ruptela.it

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Document change log

Date	Version	Change details
2018-11-05	1.2	Connection schematic updated. Document design updated.
2019-04-24	1.3	Warning regarding different connection methods added.
2020-04-03	1.4	Compatible device list updated.
2020-07-16	1.5	Compatible device list updated.

Requirements

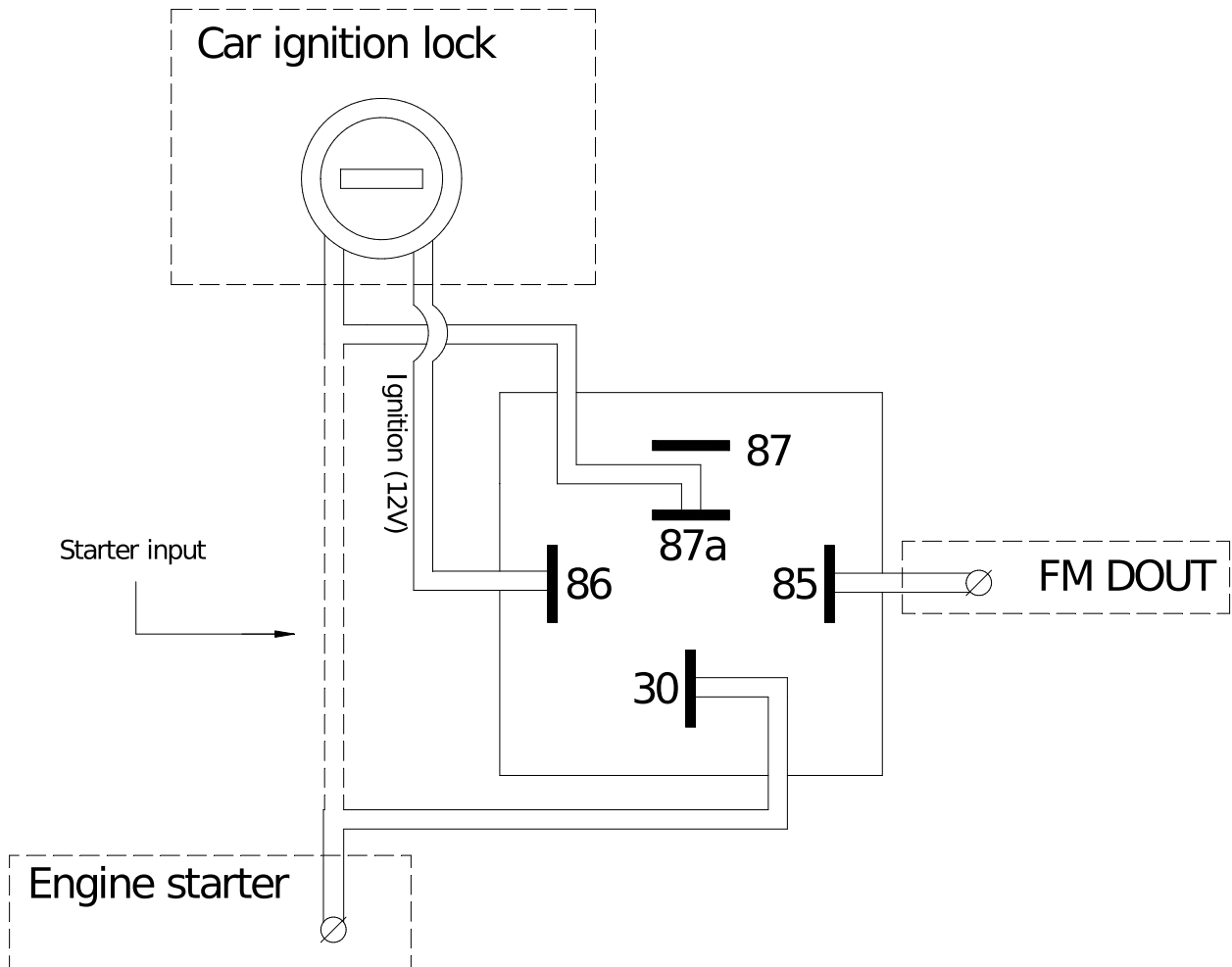
For light vehicles: 12 V 40 A

For trucks: 24 V 40 A

Connect the relay to the ignition system as shown in the schematic below.

Warning

The relay must be connected **ONLY** to the ignition system (starter motor circuit)! Connecting it to any other location is unsafe and may stop the vehicle during operation, damaging it and injuring the driver.



Relay pinout

Pin number	Function
85	Coil
86	Coil
87	Normally open (NO)
87a	Normally closed (NC)
30	Common connection to NO and NC pins

