

Automotive Relay

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Introduction to the product

Automotive relays are the common type of electromechanical relay that are used in all types of vehicles, like car, trucks, vans and trailers. They enable a small current flow circuit to control and operate a higher current circuit in vehicular applications and can be used with various solutions and provide useful use cases:

- [Immobilizer scenario](#)
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Product Specification



Relay schematic diagram

Name	Value
Contact Rating	30A/40A 14VDC
Coil Voltage	12VDC
Coil Power	1.8W
Release Voltage	≥10%
Pickup Voltage	≤70%
Insulation Resistance	100Ω
Contact Resistance	100Ω
Between open contact	500VAC
Between coil & contact	750VAC
Temperature Range	-55~+85°C
Dimension	25.0x27.4x28.4

Weight	40g
Supported by	FMB110 , FMB120 , FMB122 , FMB125 , FMU125 , FMM125 , FMC125 , FMU126 , FMB130 , FMU130 , FMC130 , FMM130 , FMB140 , FMB202 , FMB204 , FMB208 , FMB640 , FMC640 , FMM640 , FMB900 , FMB910 , FMB920

Installation

Relay PIN	Relay cable color	Connection
30	Blue	Common connection to NO & NC terminals
85	Black	Coil
86	White	Coil
87	Yellow	Normally Open (NO)
87a	Red	Normally Closed (NC)

Promotional Material

