

D+ Simulator

Control unit for recording of the charging operation



Note: Not suitable for vehicles according to Euro 6 Standard.

Whenever it is required, that additional consumers shall only be switched-on, while the engine is running, usually the D+ contact of the dynamo is used for control of a relay. If this contact is difficultly accessible, if it is not existing, or if additional consumers shall be switched-on via a voltage-controlled signal, the VOTRONIC D+ Simulator is the solution. The intelligent

voltage evaluation ensures a safe switching behaviour of the relay, which is connected to the terminal. Short circuit-proof and overload-proof terminal, type PNP, with a rating of 12 V/1 A with plus output, load ground side. A pilot lamp (LED) is indicating the operating state. Connection via plug-in type terminal.

Peripheral Units D+ Simulator



Unit Type	D+ Simulator
Order No.	3066
Battery Voltage	12 V
Terminal	12V / max. 1.0 A
Switching Thresholds OFF/ON	13.0V / 13.7V
Own Consumption OFF/ON	1 mA / 7 mA
Dimensions* (WxDxH)	70x36x17 mm
Weight	30 g

* Dimensions incl. mounting flanges, without connections

Mark of Conformity: CE, E Test (EMV/automotive regulations)

Delivery Scope: Manual

StandBy-Charger

Battery recharging and trickle charging

The VOTRONIC StandBy-Charger serves for automatic recharging and trickle charging of the starter battery, if the mains charger or the solar charging controller is equipped with only one charging port. Retrofit of the unit is very easy by just interconnecting it between board battery and starter battery. Depending on the charging state of the board battery, the starter battery will be recharged with max. 3 A.

Note: Only for lead batteries (Acid, Gel, AGM)



Peripheral Units StandBy-Charger



Unit Type	StandBy-Charger 12 V	StandBy-Charger 24 V
Order No.	3065	6065
Battery Voltage	12 V	24 V
Current Consumption	-	-
Charging Current during Standstill Mode for Starter Battery	0-3 A	0-2 A
Dimensions* (WxDxH)	90x60x38 mm	90x60x38 mm
Weight	52 g	52 g

Mark of Conformity: CE, E Test (EMV/automotive regulations)

Delivery Scope: Manual

* Dimensions incl. mounting flanges, without connections