



Specifications

DC Charging

Relay 12 V

03-06-2022

DIMENSIONS & WEIGHT

Weight (Kg)	0.8
Enclosure width	95.25 mm
Enclosure height	138.94 mm
Enclosure depth	51.56 mm

GENERAL

Ambient operation temperature	-20°C ... +40°C
Storage temperature	-25°C ... +85°C
Operating humidity	95%, non condens
Live current switching	100.000 cycles

MECHANICAL

Connections terminal stud	M10 (3/8"-.16)
Connections stud length	23 mm
Maximum terminal Stud Torque	15.5 NM (140 in-lb)
Terminal material	tin-plated copper
Drilling mounting centers	114.3mm * 76.20mm
Mounting screws	4 mm
Ingress Protection Class	IP66
Enclosure Colour	RAL9011 Graphite Black
Clearance	28.4 mm (1.12")
Ignition Protection	SA J1171
Markings	CE, Iso 8846

INPUT

Battery input	2
Switch Positions	2
Manual override	Locked off/on
I 10 Cranking rating 10 sec	2500A
I 60 Cranking rating 1 min	1100A

I 300 Cintermittent rating 5 min	700A
I C continue rating	500A
Vmno Voltage maxium Operation	32V DC
Control Circuit Voltage	10.1..16.5VDC
Operation current continuous	< 40mA
Operation current when charging	<7A
Remote Control switch when charging	100mA
Automatically combines battery banks when sensed voltage levels are:	Above 13.5 for 30 sec. Above 13.0 for 90 sec.
Automatically isolates battery banks when sensed voltage levels are:	Below 9.6V (undervoltage lockout) Below 12.35V for 10 sec. Below 12.75V for 30 sec. Above 16.2V (undervoltage lockout)