



Specifications

DC Charging Relay 24 V

03-06-2022

ARTICLE NUMBER

50214736

DC Charging Relay 24 V

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
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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	20.2...32.9VDC
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 27.0 for 30 sec. Above 26.0 for 90 sec.
Automatically isolates battery banks when sensed voltage levels are:	Below 19.2V (undervoltage lockout) Below 24.7V for 10 sec. Below 25.5V for 30 sec. Above 32.4V (undervoltage lockout)