Product Data Sheet

2026-11-09



MG SmartLink MX

MGSLM48001

Description

Use the SmartLink MX for battery systems with two or more MG Masters HV or LV. The SmartLink MX collects and combines all data from the MG masters in a battery system. It transmits the combined data over CAN-Bus and makes it available for third party devices. It also makes combined battery data available in such a way, that parallel connected systems are shown as one battery bank. The SmartLink MX is able to communicate with both the Master LV for low voltage systems and the Master HV for high voltage systems.

Specifications

Environmental

Humidity (Non-Condensing)	≤ 95 %
Operating Temperature Range	-20 to +50 °C

IO

External Button Signal	Connect to ground for input active detect
External Status Signal	5 V / 10 mA Overcurrent protection
Programmable Contact 1 (Relay Output)	0.8 A at 60 Vdc, potential free
Programmable Contact 2 (Relay Output)	0.8 A at 60 Vdc, potential free
Programmable Contact 3 (Relay Output)	0.8 A at 60 Vdc, potential free
Programmable Input	3-60 V for input active detect
Programmable Output	Voltage is equal to power supplied on “Field supply +”, 0.5 A, short circuit protection & overcurrent protection

Mechanical

Data Connection	CAN Bus RJ45
Enclosure Material	PC ABS
Height	91 mm
IP-Protection Class	IP22
Length	198 mm
Mounting Feet	4x max Ø 4.5 mm
Weight	0.27 kg
Width	57 mm

Technical Specifications

Communication	NMEA 2000
Maximum Current Consumption	1 A
Maximum Number of MG BMSs to Combine	15
Power Usage Active	1 W
Supply Voltage Range	8 - 60 Vdc

The specifications provided are for informational purposes only and are subject to change without notice. While every effort has been made to ensure the accuracy and completeness of the specifications, MG Energy Systems assumes no responsibility for any errors or omissions.

Logistics

HS code	8517610000
Country of origin	India
Shipping weight	0.5 kg
Classified as dangerous goods	No