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Lovato DMG600 – DMG610 Datasheet



Order code	Description	Qty per pkg	Wt
		n°	[kg]
Inputs and outputs.			
EXP10 00	4 digital inputs, opto-isolated	1	0.060
EXP10 01	4 static outputs, opto-isolated	1	0.054
EXP10 02	2 digital inputs and 2 static outputs, opto-isolated	1	0.058
EXP10 08	2 opto-isolated digital inputs and 2 relay outputs rated 5A 250VAC	1	0.058
Communication ports.			
EXP10 10	Opto-isolated USB interface	1	0.060
EXP10 11	Opto-isolated RS232 interface	1	0.040
EXP10 12	Opto-isolated RS485 interface	1	0.050
EXP10 13	Opto-isolated Ethernet interface with Web server function	1	0.060
CX 01	PC ↔ LOVATO Electric product connecting cable, with USB optic connector for programming, data download, diagnostics and firmware upgrade	1	0.090
CX 02	PC ↔ LOVATO Electric product Wi-Fi connecting device for programming, data download, diagnostics and firmware upgrade	1	0.090

CX 01
This USB/optical connector, complete with cable, allows to connect compatible Lovato Electric products with a PC without having to disconnect the the power supply from the electric panel.
The PC identifies the connection as a standard USB.

CX 02
With a Wi-Fi point connection, the LOVATO Electric products can be viewed by a PC, smartphone and tablet without having to connect cables.

General characteristics

EXP series expansion modules can increase the functionality of the LOVATO Electric products, such as:

- Digital inputs
- Relay outputs
- Static outputs
- Analog inputs
- Inputs for PT100 temperature sensor
- Analog outputs
- Communication interface
- GPRS/GSM modem (without antenna, see page 28-4)
- Data storage.

– Powered directly by the base product
– Automatic identification by the base product
– Rear base product mounting with no need of tools.

Certifications and compliance

Certifications obtained: UL Listed, for USA and Canada (File E93601), as Listed Accessory under Auxiliary Devices; EXP10 08 and EXP10 18 excluded.
Compliant with standards:
– For EXP10 18: IEC/EN 61850 and Italian CEI 0-16, CEI 0-20
– For EXP10 04 and EXP10 10: IEC/EN 61010-1, IEC/EN 61000-6-2, IEC/EN 61000-6-4, UL508, CSA C22.2 n° 14
– For EXP10 15: IEC/EN 61010-1, IEC/EN 62311, ETSI EN 301 489-1, ETSI EN 301 469-7, EN 301511, USA/FCC 47 CFR part 15, Subpart B, CAN/ICES-003
– For all other types: IEC/EN 61010-1, IEC/EN 61000-6-2, IEC/EN 61000-6-3, UL508, CSA C22.2 n° 14

For overall dimensions, wiring diagrams and technical characteristics, consult the technical instructions in Downloads of the local or global websites; see details on inside front cover.

Expansion module fixing

