

# METERING INSTRUMENTS AND CURRENT TRANSFORMERS

## Expansion Modules and Accessories



### Expansion modules for modular products



EXM10 00



EXM10 10

Order code	Description	Qty per pkg	Wt
		n°	[kg]
<b>Inputs and outputs.</b>			
EXM10 00	2 digital inputs and 2 static outputs, opto-isolated	1	0.137
EXM10 01	2 digital inputs, opto-isolated and 2 relay outputs, rated 5A 250VAC	1	0.147
EXM10 02	4 opto-isolated digital inputs and 2 relay outputs rated 5A 250VAC	1	0.155
<b>Communication ports.</b>			
EXM10 10	Opto-isolated USB interface	1	0.140
EXM10 11	Opto-isolated RS232 interface	1	0.125
EXM10 12	Opto-isolated RS485 interface	1	0.140
EXM10 13	Opto-isolated Ethernet interface with Web server function	1	0.140
EXM10 20	Opto-isolated RS485 interface and 2 relay outputs, rated 5A 250VAC	1	0.140
EXM10 30	Data storage, RTC with backup reserve energy for data logging	1	0.140

#### General characteristics

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

- Digital inputs
- Relay outputs
- Static outputs
- Communication interface
- Data storage.
- Connection to base product by IR (infrared beam) port
- Automatic identification by the base product
- Side base product mounting.

#### Certifications and compliance

Certifications obtained: EAC; UL Listed, for USA and Canada (cULus File E93601), as Listed Accessory under Auxiliary Devices; EXM10 18 excluded.

Compliant with standards:

- For EXM10 10: IEC/EN 61010-1, IEC/EN 61000-6-2, IEC/EN 61000-6-4, UL 508, CSA C22.2 n° 14
- 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 technical instructions online in Downloads of the local or global website; see details on inside front cover.

#### Expansion module fixing



CLICK!

#### EXM series compatibility with LOVATO Electric products

	INTERFACE PRO. SYSTEM UNITS	ENERGY METERS		DATA CONCENTRATORS		DIGITAL MULTIMETER
	PMVF51	DMED 130	DME D310 T2	DME CD	DMED CDPV1	DMG 300
EXM10 00			●	●	●	●
EXM10 01	●	●	●	●	●	●
EXM10 02			●	●	●	●
EXM10 10	●		●	●	●	●
EXM10 11	●		●	●	●	●
EXM10 12	●		●	●	●	●
EXM10 13	●		●	●	●	●
EXM10 20			●	●	●	●
EXM10 30			●	●	●	●
Max n° of modules addable	2	1	3	3	3	3