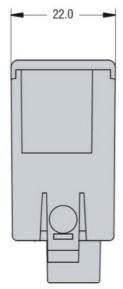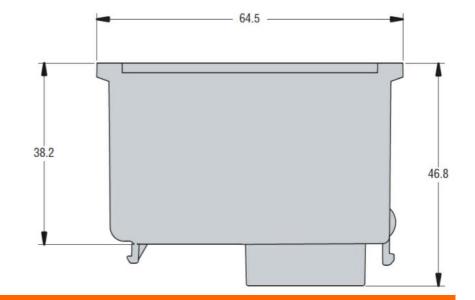|		
Product designation		Expansion modules for flush-mount products - communication port
Product type designation		EXP1012

General characteristics

Description		Opto-isolated RS485 interface
Functions		Communication ports

Compatibility with LOVATO Electric product

IP		
	PMVF3000	Yes
Digital multimeters		
	DMG600/601/611	Yes
Digital power analyzers		
	DMG7000	Yes
	DMG7500	Yes
	DMG8000	Yes
	DMG9000	Yes
Automatic power factor controllers		
	DCRL3/5	Yes
	DCRG8	Yes
Automatic transfer switch contrllers		
	ATL610	Yes
	ATL800/900	Yes
Fire pump controllers		
	FFLRA400	Yes
Engine and generator controllers		
	RGK610	Yes
	RGK750/RGK8/RGK9	Yes

Communications

Type of communication port		Serial

Interface

RS485 communication		Yes

Mechanical features

Weight	g	50

Dimensions

Wiring diagrams

Max 1200m

RS485
EXP10 12 n°31

RS485
EXP10 12 n°1

Interface converter
RS232/485
PX1

PC
Cable 51C4

Repeat this wiring diagram up to 255 devices

Max 1200m

Max 1200m

Interface converter
RS232/485
PX1
Set as repeater

RS485
EXP10 12
Device addresses n° 31-60

Interface converter
RS232/485
PX1
Set as repeater

RS485
EXP10 12
Device addresses n° 1-30

Interface converter
RS232/485
PX1

PC
Cable 51C4

Certifications and compliance

Compliance

CSA C22.2 n° 14
IEC/EN 61000-6-2
IEC/EN 61000-6-3
IEC/EN 61010-1
UL508

EXP1012

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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Certificates

cULus	
EAC	

ETIM classification

ETIM 8.0	EC002498 - Accessories/spare parts for low-voltage switch technology