



Product designation

Product type designation

Expansion  
modules for  
flush-mount  
products -  
input/output  
EXP1005

### General characteristics

Description

2 analog outputs,  
opto-isolated  
0/4...20mA, 0-  
10V or 0...±5V

Functions

Inputs and  
outputs

Compatibility with LOVATO Electric product

Digital power analyzers

|         |     |
|---------|-----|
| DMG7000 | Yes |
| DMG7500 | Yes |
| DMG8000 | Yes |
| DMG9000 | Yes |

Automatic power factor controllers

|       |     |
|-------|-----|
| DCRG8 | Yes |
|-------|-----|

Automatic transfer switch contrllers

|            |     |
|------------|-----|
| ATL800/900 | Yes |
|------------|-----|

Engine and generator controllers

|                  |     |
|------------------|-----|
| RGK750/RGK8/RGK9 | Yes |
|------------------|-----|

### Input and Output

Analog outputs

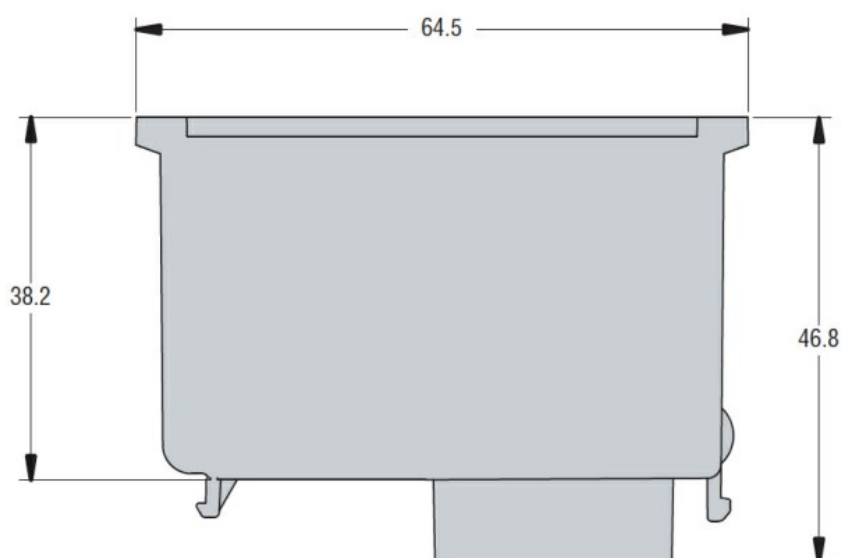
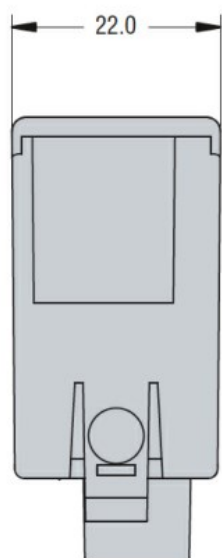
|                         |     |                                |
|-------------------------|-----|--------------------------------|
| Number of analog output | Nr. | 2                              |
| Analog output type      |     | 0...10V, -5...+5V,<br>0...20mA |

### Mechanical features

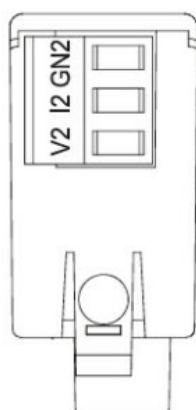
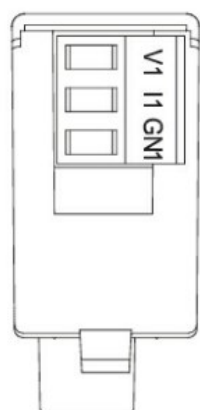
Weight

|   |    |
|---|----|
| g | 64 |
|---|----|

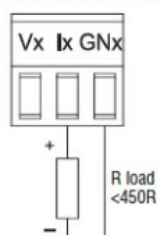
Dimensions



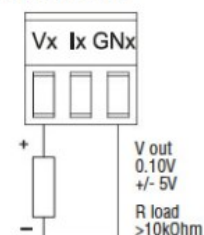
### Wiring diagrams



Connessione per uscita di corrente  
Current output connection  
Connexion pour sortie en current  
Conexión salida corriente



Connessione per uscita di tensione  
Voltage output connection  
Connexion pour sortie tension  
Conexión salida tensión



### Certifications and compliance

#### Compliance

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

#### Certificates

cULus  
EAC

### ETIM classification

ETIM 8.0

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