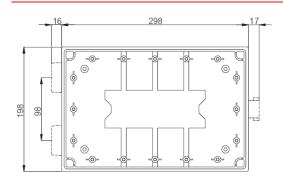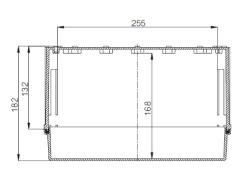# DL2W KIT
## Wall enclosure for DL2 data logger



- ◉ Transparent door closed with a latch

- ◉ The possibility of closing the padlock or placing a seal

- ◉ High degree of protection against water and hazardous parts (IP65)

- ◉ Switching power supply 230 VAC / 24 VDC (25 W)

- ◉ 6 cable glands for connecting I/O signals

- ◉ 1 cable gland for connecting an Ethernet cable with an RJ-45 connector

- ◉ Openable mounting plate - easy electrical installation

The DL2 KIT enables the installation of the DL2 data logger indoor or outdoor.

## MECHANICAL INSTALLATION



The housing is mounted using four brackets (mounting points in the corners of the enclosure).

## ELECTRICAL INSTALLATION



Openable front panel enables electrical connection without the need to disassemble the device and the entire enclosure.

The device can be supplied using the installed power supply (typical power supply: 230 VAC / 24 VDC switching power supply, the device can be supplied from 24 VDC source). Local regulations may require installation of an external fuse and circuit breaker.

## TECHNICAL SPECIFICATIONS

| Enclosure | |
|---|---|
| Enclosure type and material | Wall mount, polycarbonate material |
| Dimensions without mounting brackets (w X h X d) | • without cable glands:<br>  298 mm X 198 mm X 182 mm<br>• with cable glands:<br>  298 mm X 228 mm X 182 mm |
| Cable glands | • supply: one M16 cable gland, cable diameter:<br>  5 .. 10 mm<br>• I/O signals: five M20 cable glands, cable diameter:<br>  8 .. 13 mm<br>• Ethernet: one M20 cable gland, cable diameter:<br>  6 mm (the possibility of installing a cable with an<br>  RJ-45 connector) |
| Weight | 1.0 kg |
| Protection class | IP65[1] |

[1]With the cover closed.

| Environmental conditions | |
|---|---|
| Ambient temperature | -20 .. +50 °C or -20 .. +40 °C<br>depends on the DL2 device hardware configuration[2] |
| Storage temperature | -30 .. +70 °C |
| Impact Resistance | IK08 |
| Electrical insulation | Totally insulated |
| Halogen free (DIN/VDE 0472, Part 815) | 1 |
| UV resistance | UL 508 |
| Flammability Rating | UL 746C 5" |
| Installation location | Indoor or outdoor[3] |

[2]If in DL2 device module IN6I(24V) or IN2RS485(24V) is installed and operating as a power supply source for external devices, ambient temperature is limited to -20 .. +40 °C. In all other configurations the ambient temperature range is -20 .. +50 °C.

[3]If additional protection against atmospheric precipitation is provided (roofing), the device can be installed outdoor.

| Power Supply | |
|---|---|
| Input voltage | 100 .. 240 VAC 50/60 Hz |
| Output voltage | 24 VDC |
| Power supply | 25 W |

## NOTES

The kit can be sent with disassembled cable glands and wall mounting brackets.