

## VIM-D accessory module



### Main features

- Compatible with VIM-C and VIM-Y family of products
- Mobile Internet connection
- Compatible with USB dongle modems
- Watchdog features to prevent common mobile network hassles

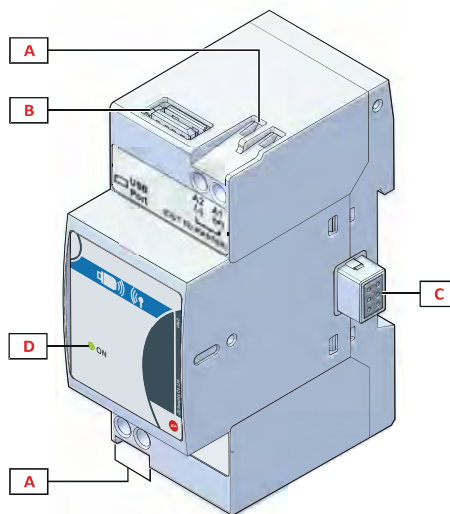
### Main functions

- Remote access by Internet when a wired connection is not available
- Plug'n play configuration
- Reliable operation
- SMS alerting
- SMS commands

### Description

VIM-D is a VIM-C EM accessory module, that provides compatible JDA devices with a reliable and cost effective way to connect to Internet by using mobile networks via dongle modem.

**Structure**



Element	Component	Function
A	Power supply	Power supply connection block (IN, bottom/OUT, top) (Min./Max. screws tightening torque: 0.4 Nm / 0.8 Nm)
B	USB connector	Connecting dongle modem
C	Local bus port	Connecting to the VIM-C/VIM-Y main module
D	Power information LED	LED (green), 2 status Steady off, power OFF Steady on, power ON

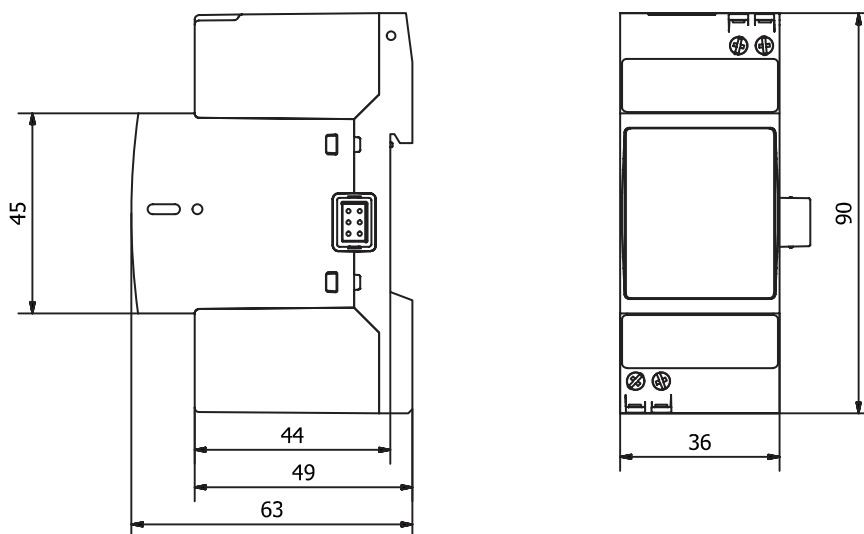
**Note:** USB CONNECTION is active if the Dongle is connected AND the VIM-C is connected to the VIM-D AND the power supply is connected AND no USB peripheral connected to VIM-C's USB port

## VIM-D accessory module

### Features

#### General

<b>Dimensions</b>	2-DIN
<b>Weight</b>	< 600 g (packaging included)
<b>Mean time to failure</b>	MTTF/MTBF: 26 years Test conditions: gf (ground, fixed), 50 °C Standard: MIL-HDBK-217F



#### Power Supply

<b>Power Supply</b>	12–28 VDC
---------------------	-----------



## VIM-D accessory module

### Ports

#### Auxiliary bus

<b>Local bus connection</b>	Master Proprietary VIM-C connector
-----------------------------	------------------------------------

#### USB

<b>Type</b>	USB 2.0 Standard-A receptacle
<b>Terms of use</b>	Mechanically compatible with standard USB dongle modem in the market

### Connection Diagrams

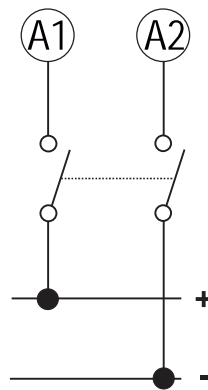


Fig. 21 Power supply



## VIM-D accessory module

### References

#### Further reading

Information	Document	Where to find it

#### Order code

#### VIMDAVDCX

#### JDA compatible components

Purpose	Component name/code	Notes
Embedded Web Server	VIM-C EM	
Embedded data aggregator	VIM-Y EM	
Embedded Web Server	VIM-C PV	
Embedded data aggregator	VIM-Y PV	
3G Modem	HUAWEI MS2131 DLINK DWM 157	Third party