

# SH2DSP24 accessory module



## Description

SH2DSP24 is a UWP 3.0 accessory module, that provides compatible Carlo Gavazzi devices with a reliable and cost effective way to connect to Internet by using mobile networks via dongle modem.

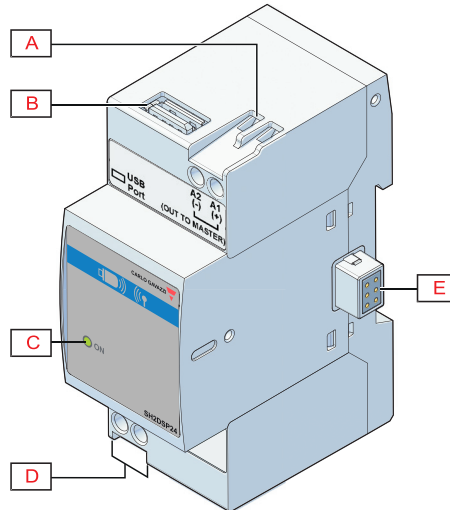
## Main features

- Compatible with UWP 3.0 system
- 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
- SMS alerting
- SMS commands
- Email alerting

## Structure



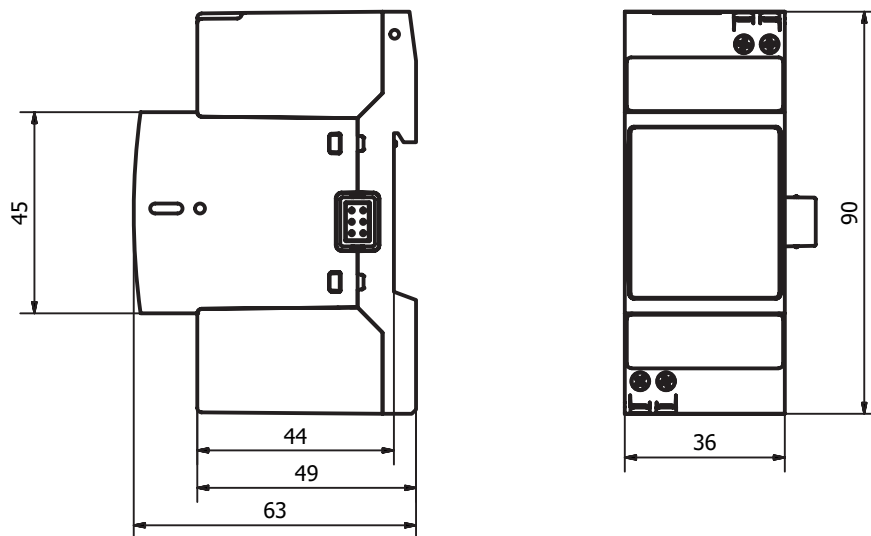
Element	Component	Function
A	Power supply	Power supply connection block (IN, bottom/OUT, top) (Min./Max. screws tightening torque: 0.4 Nm / 0.8 Nm)
B	MODEM USB connection point	MODEM USB connection point
C	LED	LED (green), 2 status Steady off, power OFF Steady on, power ON
D	Power supply	Power supply connection block (IN, bottom/OUT, top) (Min./Max. screws tightening torque: 0.4 Nm / 0.8 Nm)
E	Local bus port	Connecting to UWP 3.0

**Note:** USB CONNECTION is active if the Dongle is connected AND the UWP 3.0 is connected to the SH2DSP24 AND the power supply is connected AND no USB peripheral connected to UWP 3.0 USB port

## 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
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## Ports

### Auxiliary bus

Local bus connection	Master Proprietary UWP 3.0 connector
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### USB

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

## Connection Diagrams

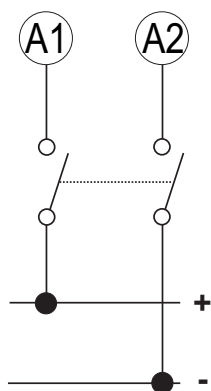


Fig. 1 Power supply



## References

### Further reading

Information	Document	Where to find it
UWP 3.0 installation guide	System manual	<a href="http://www.productselection.net/MANUALS/UK/system_manual.pdf">www.productselection.net/MANUALS/UK/system_manual.pdf</a>
UWP 3.0 software manual	UWP 3.0 tool manual	<a href="http://www.productselection.net/MANUALS/UK/uwp3.0_tool_manual.pdf">www.productselection.net/MANUALS/UK/uwp3.0_tool_manual.pdf</a>

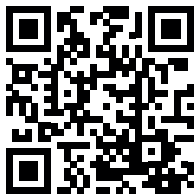
### Order code



**SH2DSP24**

### CARLO GAVAZZI compatible components

Purpose	Component name/code	Notes
Controller	Sx2WEB24	
Bus generator	SH2MCG24, SH2WBU230N, SH2DUG24	
Modem	HUAWEI MS2131 (3G) HUAWEI E3531 (3G) Multitech QuickCarrier® USB-D (3G) TeleOrigin RB900L (3G, 4G) Digicom 8D5782DG4 - USB (4G) TELTONIKA TRM240 (3G,4G)	Third party



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