

SH2DSP24 accessory module



Main features

- Compatible with UWP 3.0 system
- Mobile Internet connection
- Compatible with USB dongle modems
- Watchdog features to prevent common mobile network hassles

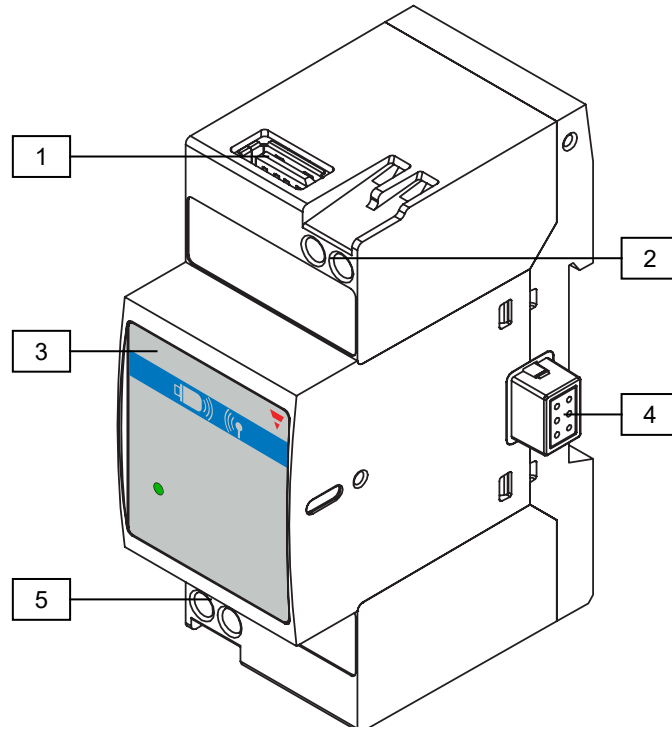
Main functions

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

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.

Structure



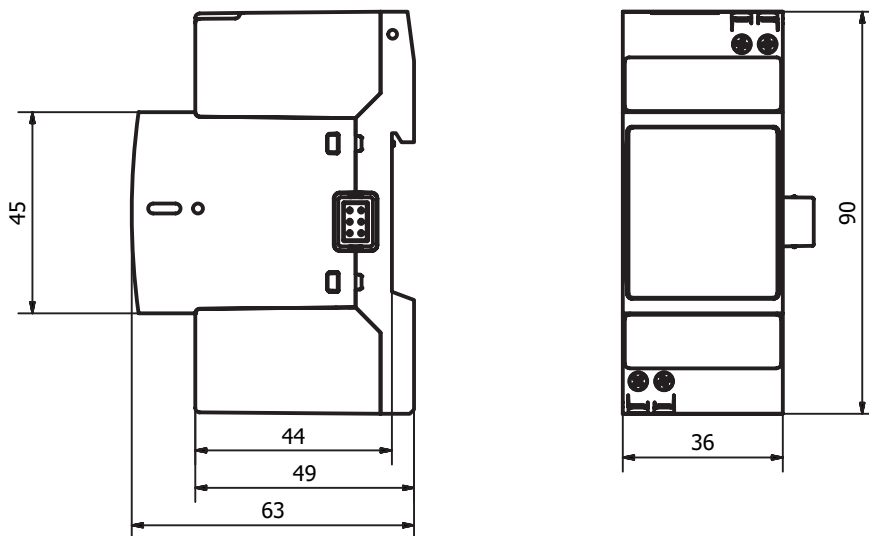
Element	Component	Function
1	MODEM USB connection point	MODEM USB connection point
2	Power supply	Power supply connection block (IN, bottom/OUT, top) (Min./Max. screws tightening torque: 0.4 Nm / 0.8 Nm)
3	LED	LED (green), 2 status Steady off, power OFF Steady on, power ON
4	Local bus port	Connecting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

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

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



Power Supply

Power Supply	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

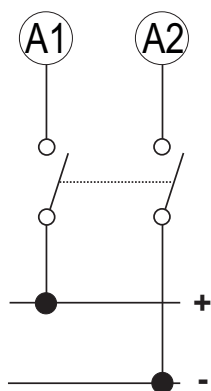


Fig. 1 Power supply



References

Further reading

Information	Document	Where to find it
UWP 3.0 installation guide	System manual	www.productselection.net/MANUALS/UK/system_manual.pdf
UWP 3.0 software manual	UWP 3.0 tool manual	www.productselection.net/MANUALS/UK/uwp3.0_tool_manual.pdf

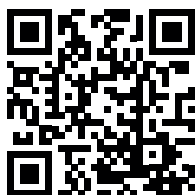
Order code



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) ROBUSTEL M1000 USB (3G, 4G) TeleOrigin RB900L (3G, 4G) Digicom 8D5782DG4 - USB (4G)	Third party



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