



DialupGUARDIAN

DG-108 Remote Unit

Specifications

Power:

Standard: 20 - 160 VDC, < 7W idle,
< 15W max

Optional: 10 - 160 VDC ...

Aux & Fuse Alarm Outputs:

1 Fuse alarm output form A / B
jumper selectable

2 Aux outputs form A / B jumper
selectable

Phone Line & Device Ports:

1 phone line jack, 8 device jacks

Environment:

Standard: 0 to 50 °C (32 to 120
°F), 0 - 95% non condensing rel.
humidity

Optional: -40 to 50 °C
(-40 to 120 °F) ...

Certification:

Meets USA / Canada interconnect
and power line cross standards
Substation hardened - meets
IEEE1613 standards

Physical:

Mounting: Single or double (side
by side) rack mount (1 RU), wall
mount.

Dimensions: 8-3/8"W x 1-3/4"H
x 9-1/2"D (21.3cm x 4.5cm x
24.1cm)

Shipping weight: 4 lbs. (1.8 Kg.)

Features & Benefits

- The DialupGUARDIAN DG-108 is a telephone line sharing switch with call authentication and logging capability. It is typically located at utility substations and connects between the phone line and up to eight (up to 16 for the DG-116) dial-up devices such as SCADA equipment, IEDs and meters. The DG-108 handles both incoming and outgoing calls and can be installed into existing dial up circuits with few changes to the existing dial up parameters.
- To allow for seamless transition from legacy telephone line sharing switches to the DialupGUARDIAN switches, incoming call DTMF routing to a particular device port is still possible when the authentication feature is off. After a certain comfort level has been established while operating in the legacy mode, authentication can then be turned on either remotely via DialupGUARDIAN Administration.
- The DG-108 logs all call activity, whether authenticated or not, including time / date, identity of calling Unit and duration of call.
- DialupGUARDIAN Administration centrally collects all logs.
- DG-108's are factory configured with a serial number, customer ID.
- Each DG-108 contains a list of access codes of other DialupGUARDIAN units that are authorized to call in. An incoming authenticated call through a DialupGUARDIAN unit can succeed only if the receiving DialupGUARDIAN unit has the originating DialupGUARDIAN unit access code in its configuration memory.
- The DialupGUARDIAN Administration within EnterpriseSERVER.NET generates and assigns all access codes to all of the DialupGUARDIAN units (host, remote). These access codes are maintained by DialupGUARDIAN Administration and are not accessible to the user. DialupGUARDIAN Administration also manages DialupGUARDIAN unit configurations and call activity data downloads.
- Device port security can be enabled / disabled on a port by port basis.



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