

GS-1 Loop to Ground Start Converter

The GS-1 Loop to Ground Start Converter is used in conjunction with PBX power failure transfer equipment. It is designed to allow standard telephones to be used with Central Office (CO) 2-wire ground start trunk lines.

In the event of a power failure or PBX system malfunction, the GS-1 provides the signaling required to draw dial tone from the CO trunk. The GS-1 is powered by the CO trunk, thus no external power source is necessary.

The GS-1 may also be used in a PBX night mode application. In certain situations, CO ground start trunks, normally connected to a PBX, are connected directly to selected station telephones after regular working hours. The GS-1 is used to allow these telephones to draw CO dial tone when taken off-hook.

The GS-1 is available in two versions: the GS-1-8 provides eight (8) circuits and the GS-1-12 offers twelve (12) circuits of loop to ground start conversion.

Both versions are completely self-contained and extremely simple to install. The GS-1 connects using one 25-pair connector.



Specifications

Dimensions

8.75 inches high (22.2cm)
8.75 inches wide (22.2cm)
3.25 inches deep (8.3cm)

Weight

Less than 2.0 pounds (0.9kg)

Mounting

Wall mounts with four #8 pan head screws

Power Requirements

No external power required; power is provided by CO ground start trunk

Number of Circuits

GS-1-8: 8
GS-1-12: 12

Environment

0 to 50 degrees C, humidity to 95% (no condensation)

Safety Compliance

Underwriters Laboratories Inc. Listed Telephone Equipment

Reliability

MTBF 26.5 years, per Method I of Bellcore TS-TSY-000332, Issue 2, July 1988

Interconnections

One 25-pair plug; installer must supply one 25-pair connector

Note: All information and specifications subject to change without notice.