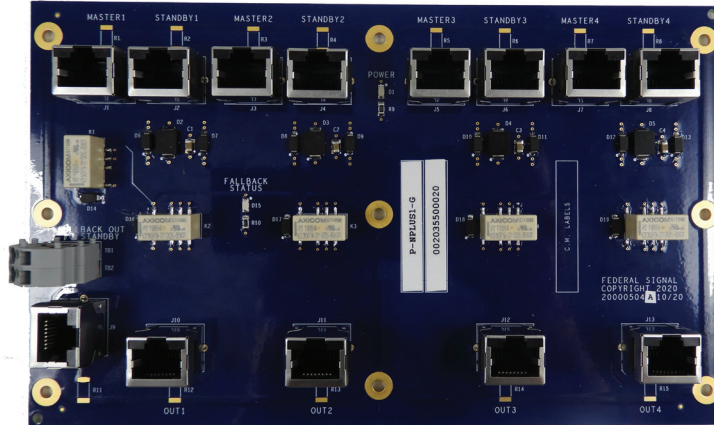


► Model P-NPLUS1-G

PAGASYS® Gen II High Integrity Card



The PAGASYS® Gen II system provides (3) types of system redundancy:

- Single standalone system, where a single controller supports its own set of amplifiers and I/O cards
- High Integrity (Master + Standby), where a pair of controllers share a single set of amplifiers and I/O cards
- Duplicated Pair, commonly known as an A/B pair, where each controller supports a separate set of amplifiers and I/O cards

The High Integrity I/O card (P-NPLUS1-G) is a passive card that supports I/O control selection in a high integrity system. High integrity controllers manage their shared amplifiers without a separate interface card.

The PAGASYS Gen II system utilizes four I/O control ports on the controller chassis I/O interface card to interface with I/O cards connected to the system. The High Integrity I/O card supports up to four I/O buses from two different controllers. The High Integrity I/O card will select one of the redundant controllers I/O control signals to utilize for I/O card management, and will route the selected control signals out the four output ports.

When both controllers are working as expected the control signal selected will be the master I/O control signal. When the High Integrity I/O card detects that the master controller has failed, via the fallback ports, the High Integrity I/O card will select the standby I/O control signal to manage I/O cards.

FEATURES

- (8) total input I/O ports, four from each master/standby controller
- (4) output I/O ports for downstream I/O cards
- FALLBACK_IN/FALLBACK_OUT ports to control which controller is active
- New PAGASYS Gen II function in System Manager for standby controller to manage I/O selection

SPECIFICATIONS

Operating Temperature:	-20°C to +55°C
Humidity:	0-98% non-condensing
Dimensions (HxWxL):	22 mm x 200 mm x 122 mm
Weight:	0.34 lbs (0.15 kg)

HOW TO ORDER

Description	Part Number
PAGAYS Gen II High Integrity I/O Card	P-NPLUS1-G