



iPack® 2202 Series

HIGH DENSITY SWITCH PACK / FLASHER FOR ATC CABINETS

Functions as either a load switch or four output flasher, eliminating the need for an inventory of flasher units.

FEATURES

- 2 RYG channels (6 outputs) compatible with ultra low power LED signal heads
- Functions as either a dual channel load switch or a four output Flasher
- Standardized Communications
- Load Current Monitoring

HIGHLIGHTS

- High Density Form Factor
- Driver Shutdown
- Low Voltage 48 VDC Operation (Model 2202-LV)
- Touch Safe Handle



ATC CABINET COMPATIBLE

Dual Channel HDSP Configuration

The unit provides two channels (6 outputs) of drive capability. Each output is rated for up to 1 Amp of load current.

Universal Load Switch & Flasher Function

The EDI iPack® series Model 2202 High Density Switch Pack / Flasher Unit (HDSP/FU) is designed to operate in the Advanced Transportation Controller (ATC) Cabinet Output Assembly to form a compact and modular load switch and measurement system. The iPack® 2202 functions as either a dual channel load switch or a four output Flasher unit based on the slot address. A separate inventory of Flashers is not needed.

Standardized Communications

The iPack® 2202 uses real-time standardized high speed SB#3 communications with the CMU-2212 Cabinet Monitor Unit to send a complete set of RMS voltage and load current measurements.

Load Current Monitoring

Quantitative load current measurements are taken for each load switch output. This enables the CMU to detect an unsafe no-load condition immediately. Load current monitoring also increases the diagnostic capability of the CMU to identify off-state voltage leakage conditions without ambiguity.



High Density Form Factor

The iPack® 2202 is built on a 4.5 x 6.5 inch format (1.2 inch card pitch) with a rugged DIN connector.

Driver Shutdown

The iPack® 2202 will disable the channel Outputs under fault conditions defined by the CMU-2212 offering an additional fail-safe mode during cabinet malfunction conditions.

Low Voltage 48 VDC Operation (Model 2202-LV)

Provide an additional level of safety to technicians and motorists with touch-safe low voltage operation.

Touch Safe Handle

Provide an additional level of safety to technicians with an insulated and rugged Lexan™ handle.

Model Options

Model	Load Switch	Flasher	Power
2202-LV	2 Channel (6 Outputs)	2 Channel (4 Outputs)	48 VDC
2202-HV	2 Channel (6 Outputs)	2 Channel (4 Outputs)	120 VAC
2202-VHV	2 Channel (6 Outputs)	2 Channel (4 Outputs)	220 VAC