3500/15 UNIVERSAL AC SUPPLIES

Product Data Sheet

3500/15-05-05-01

Dual universal AC power supplies

TOP-SLOT INPUT SELECTION	BOTTOM-SLOT INPUT SELECTION	NOMINAL INPUT	NONHAZARDOUS INPUT RANGE
05: Universal AC	**05: Universal AC**	**110-220 V AC**	**85-264 V AC rms**

Bently Nevada 3500/15-05-05-01 specifies Universal AC supplies in both the upper and lower power positions of a 3500 rack. Each supply converts the incoming AC feed to the voltages used by the rack modules. The lower supply serves as the primary and the upper supply as the backup.

01 TECHNICAL DATA

Top-slot input selection	05: Universal AC
Bottom-slot input selection	05: Universal AC
Nominal input	110-220 V AC
Nonhazardous input range	85-264 V AC rms
Hazardous input range	85-250 V AC rms
Input frequency	47-63 Hz
Maximum full-rack AC draw	2.8 A rms
Approval selection	01: CSA/NRTL/C Class I Division 2
Primary position	Bottom slot
Backup position	Top slot

02 ADDITIONAL PRODUCT DATA

Minimum rack loading	No minimum required
Supply status indicator	SUPPLY OK LED
Operating temperature	-30 to +65 degC
Storage temperature	-40 to +85 degC
Humidity limit	95% noncondensing

03 PRODUCT FUNCTION

The Universal AC option accepts 110-220 V AC nominal at 47-63 Hz. Its permissible input is 85-264 V AC rms in nonhazardous areas and 85-250 V AC rms in hazardous areas. The 01 approval option selects CSA/NRTL/C Class I Division 2; the matching Universal AC power-input modules are distinct from legacy AC PIMs.

04 SYSTEM COMPATIBILITY

Provide nominal 110-220 V AC feeds at 47-63 Hz within the applicable area-specific input limits. The Universal AC maximum full-rack draw is 2.8 A rms. Maintain the specified protective earthing and PIM fuse arrangement.

05 REFERENCE

Bently Nevada 3500/15 AC and DC Power Supplies, 141530 Rev. P.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**