ACS600 AUXILIARY POWER

Product Data Sheet

NRED-61-E

Thick-film voltage adapter

HYBRID CONSTRUCTION	BASE CIRCUIT CONNECTION	BASE HOST VOLTAGE CLASS	FAMILY
Thick-film	**DC link to auxiliary power supply**	**690 V AC drive configuration**	**ACS600 auxiliary power**

ABB NRED-61-E is a thick-film voltage adapter associated with the auxiliary power-supply path of an ACS600 drive. The confirmed NRED-61 base design connects the DC link to the power-supply circuit, rather than providing motor-current switching or acting as a complete drive controller.

01 TECHNICAL DATA

Hybrid construction	Thick-film
Base circuit connection	DC link to auxiliary power supply
Base host voltage class	690 V AC drive configuration

NRED-61-E adapter construction and NRED-61 base-family circuit reference.

02 ADDITIONAL PRODUCT DATA

The common family reference concerns applicable 690 V AC drive units and a thick-film hybrid construction. This host voltage class is not a separately confirmed input-voltage, clamping-voltage or output-current rating for the -E execution. The complete NRED-61-E marking is retained, with unsupported varistor and gate-driver values excluded.

03 PRODUCT FUNCTION

Locate the adapter in the installed DC-link-to-power-supply circuit and retain its full NRED-61-E identification. The base-family documentation establishes an auxiliary-power role, so it should be traced independently from the high-current motor output path.

04 SYSTEM COMPATIBILITY

Use the drive circuit drawing and the actual auxiliary power supply to establish the connection arrangement. The common 690 V AC reference describes the host drive class; it is not a standalone adapter supply rating or a general-purpose surge-clamping specification.

05 REFERENCE

NRED-61-E adapter construction and NRED-61 base-family circuit reference.

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