ACN/ACW644 +V991 R12I

Product Data Sheet

NXPP-03C

Drive Distribution Circuit Board

DOCUMENTED MODULE FRAME	U/W ASSEMBLY BASE FASTENERS	U/W ASSEMBLY SPACERS	INSULATING SPACERS AT SHIELD
R12i	**8 x M4x8**	**8 x M4x20**	**3 in documented R12i arrangement**

ABB NXPP-03C is a circuit board in the control assembly of the documented R12i ACN/ACW644 drive module arrangement. NXPP-03C is identified in the +V991 phase-module repair instruction as the board used in the specified R12i U/W-phase conversion from the original NINT-73C assembly.

01 TECHNICAL DATA

Documented module frame	R12i
U/W assembly base fasteners	8 x M4x8
U/W assembly spacers	8 x M4x20
Insulating spacers at shield	3 in documented R12i arrangement
Metal spacer conversion	Replace 1 metal spacer with insulating spacer
V-phase current-setting jumpers	S2 through S4; match power-plate rating

ABB Drives Installation Instruction 3AFE68962463 revision B, 2009; ACN/ACW644 +V991 R12i board conversion.

02 ADDITIONAL PRODUCT DATA

The R12i procedure identifies eight M4x8 base-plate fasteners and eight M4x20 spacers. The shield and insulating-spacer arrangement is part of the conversion, while the V-phase NINT current-setting jumpers S2 through S4 must match the power-plate rating. The R10i/R11i board combination is different and is not treated as interchangeable with the R12i pair.

03 PRODUCT FUNCTION

Use NXPP-03C only in the drive frame and assembly covered by the applicable ABB instructions. Figure 2 identifies the R12i NINT-73C/NXPP-03C combination separately from the R10i/R11i NINT-72C/NXPP-02C combination.

04 SYSTEM COMPATIBILITY

For the +V991 U/W-phase procedure, retain the R12i base plate, spacer locations and shield arrangement specified in the drawings. The conversion is a mechanical and control-assembly operation, not merely a plug-in substitution based on the printed board name.

05 REFERENCE

ABB Drives Installation Instruction 3AFE68962463 revision B, 2009; ACN/ACW644 +V991 R12i board conversion.

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