EXPERION SERIES C MARK II

Product Data Sheet

DC-TDIL01 51307780-176

Digital input termination assembly

SUPPORTED DI MODULE	SUPPORTED SOE MODULE	DIGITAL INPUT CIRCUIT COUNT	FIELD SIGNAL CLASS
DC-PDIL51	**DC-PDIS51**	**32 in the documented paired DI arrangement**	**24 V DC digital input**

Honeywell DC-TDIL01 51307780-176 is a non-redundant digital-input I/O termination assembly for the Experion Series C Mark II arrangement. It provides the field-wiring termination associated with the documented digital-input module; it is not an analog-output module or a complete controller.

01 TECHNICAL DATA

Supported DI module	DC-PDIL51
Supported SOE module	DC-PDIS51
Digital input circuit count	32 in the documented paired DI arrangement
Field signal class	24 V DC digital input
Redundancy execution	Non-redundant IOTA
IOTA footprint class	9-inch
Listed ancillary FTA	None in the Series C compatibility table
Redundant counterpart	DC-TDIL11; different IOTA execution

Honeywell Series C I/O User Guide EPDOC-X126-en-A, model-designation and compatibility tables; Honeywell EP03-495-500 Ma

02 ADDITIONAL PRODUCT DATA

The Series C compatibility table associates DC-TDIL01 with DC-PDIL51 digital input and DC-PDIS51 sequence-of-events use. The corresponding redundant IOTA is DC-TDIL11. Preserve the complete supplied part marking and select the module, IOTA and redundancy arrangement together instead of transferring IOM electronic ratings to the termination assembly itself.

03 PRODUCT FUNCTION

Identify DC-TDIL01 as the non-redundant IOTA and match it with a module listed for the installed Experion release. The documented table pairs the IOTA with DC-PDIL51 or DC-PDIS51 according to the required DI or SOE function.

04 SYSTEM COMPATIBILITY

Check the actual field-wiring record and the 24 V DC digital-input circuit allocation before landing conductors. The IOTA terminates the field connections; signal processing and isolation characteristics belong to the paired IOM arrangement and must be checked from the corresponding module specification.

05 REFERENCE

Honeywell Series C I/O User Guide EPDOC-X126-en-A, model-designation and compatibility tables; Honeywell EP03-495-500 Mark II specification, DI/IOTA table.

AMIKON PRODUCT SUPPORT

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