

EXPERION SERIES C MARK II

Product Data Sheet

DC-TUIO31 51307772-176

Universal I/O Termination Assembly

COMPANION I/O MODULE	I/O MODULE POSITIONS	REDUNDANCY CONFIGURATION	FIELD CIRCUITS
CC-PUIO31	1	Nonredundant	32

Honeywell DC-TUIO31 51307772-176 is a nonredundant Universal I/O termination assembly for the Experion Series C Mark II platform. It supports the compatible CC-PUIO31 module and provides the mounting, power and field-wiring connections for its 32 configurable circuits.

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VERIFIED TECHNICAL DATA

Companion I/O module	CC-PUIO31
I/O module positions	1
Redundancy configuration	Nonredundant
Field circuits	32
Terminal construction	Two-level detachable screw terminals
Maximum stranded wire size	12 AWG, 2.5 mm ²
I/O Link connectors	2, IOL A and IOL B
Field terminal groups	TB1, TB2 and TB3

ADDITIONAL PRODUCT DATA

Naked product size	22 x 12 x 7.5 cm
Naked product weight	0.45kg

DOCUMENTED USE SETTINGS

Oil Production and Petroleum Processing: Petroleum Production Process Operations.

Chemical Manufacturing and Process Production: Industrial Chemical Production Processes.

Electricity Generation and Energy Production: Thermal Power Generation Processes.

SYSTEM COMPATIBILITY

Integrate DC-TUIO31 51307772-176 with the documented CC-PUIO31 module in a nonredundant Experion Series C Mark II configuration. Verify the termination-board and I/O-module labels separately before connecting field circuits.

PRODUCT EVIDENCE

Honeywell EP03-495-500, Release 500, August 2018 v1.2, manufacturer pp. 4-7 and 35-37; original unit photographs.