

INDUSTRIAL AUTOMATION PRODUCT

MC-TDOR62 51309150-275

MC-TDOR62 Relay Digital Output FTA

Honeywell MC-TDOR62 51309150-275 is a conformally coated 16-channel relay digital output Field Termination Assembly for PM/APM/HPM Process Manager I/O. The CE-compliant assembly provides screw-terminal field connections for documented 240 VAC or 125 VDC relay-output service.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Honeywell PM/APM/HPM Process Manager I/O
Part number	MC-TDOR62 51309150-275
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install MC-TDOR62 51309150-275 only in the documented Honeywell PM/APM/HPM Process Manager I/O position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and field termination of sixteen relay digital outputs before release.

System Role and Architecture

Honeywell MC-TDOR62 51309150-275 is a conformally coated 16-channel relay digital output Field Termination Assembly for PM/APM/HPM Process Manager I/O. The CE-compliant assembly provides screw-terminal field connections for documented 240 VAC or 125 VDC relay-output service.

FUNCTION 1
Sixteen relay outputs

FUNCTION 2
240 VAC or 125 VDC service class

FUNCTION 3
Screw-terminal field wiring

FUNCTION 4
Conformally coated CE execution

RELATED APTER POWER PAGES

1 General Electric IC695CPE310

2 General Electric 151X1235BC01SA41

3 General Electric IS215REBFH1B

4 General Electric 151X1233DB02SA02

5 General Electric IS200AEADH4A

6 General Electric IS210MACCH1A

7 General Electric IS215WEMAH1B

8 General Electric IS2100WETBH1B

9 General Electric IC200MDD845

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Honeywell PM/APM/HPM Process Manager I/O
02	Matched Honeywell PM/APM/HPM Process Manager I/O host and field interface
03	Documented power, signal, communication and grounding connections
04	Approved configuration, diagnostics and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Honeywell PM/APM/HPM Process Manager I/O
Interface role	field termination of sixteen relay digital outputs
Field / power context	documented Honeywell PM/APM/HPM Process Manager I/O installed position
Commissioning evidence	Identity, wiring, configuration, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

1 Confirm MC-TDOR62 and item number 51309150-275 on the FTA record.

2 Place all sixteen relay-output loads in the approved maintenance state.

3 Record channel mapping, supply source, commons, load type and normal state.

4 Isolate field and I/O energy before removing screw-terminal wiring.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Product type	Relay digital output Field Termination Assembly	Field terminals	Screw terminals
FTA model	MC-TDOR62	Coating	Conformally coated
Manufacturer item number	51309150-275	Compliance execution	CE-compliant documented part
I/O family	PM/APM/HPM Process Manager I/O	Related non-CE part	51304427-250
Channels	16 relay digital outputs	System role	FTA connection between relay-output IOP and field
Field rating class	240 VAC / 125 VDC relay-output service	Commissioning scope	Channel mapping, commons, load isolation, relay state and

RELATED PRODUCT PAGES

1General Electric IC695CPE310

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4General Electric 151X1233DB02SA02

5General Electric IS200AEADH4A

6General Electric IS210MACCH1A

7General Electric IS215WEMAH1B

8General Electric IS2100WETBH1B

9General Electric IC200MDD845

ENGINEERING BOUNDARY

Confirm MC-TDOR62 51309150-275, its exact host, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 1

Confirm MC-TDOR62 and item number 51309150-275 on the FTA record.
- 2

Place all sixteen relay-output loads in the approved maintenance state.
- 3

Record channel mapping, supply source, commons, load type and normal state.
- 4

Isolate field and I/O energy before removing screw-terminal wiring.

Applications and Engineering Context

Process relay output termination

Connects sixteen documented relay-output channels to compatible field loads.

PM/APM/HPM output cabinet

Provides the approved FTA for Process Manager-family output wiring.

High-voltage contact switching

Uses the documented relay isolation and load class within system limits.

FTA replacement

Restores channel mapping, commons and controlled output testing.

TECHNICAL NOTE

Install MC-TDOR62 51309150-275 only in the documented Honeywell PM/APM/HPM Process Manager I/O position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and field termination of sixteen relay digital outputs before release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	MC-TDOR62 51309150-275 recorded
Host / carrier	Honeywell PM/APM/HPM Process Manager I/O
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved Honeywell hardware and system configuration restored
Functional proof	Controlled test confirms field termination of sixteen relay digital outputs

IMPORTANT NOTICE

Confirm MC-TDOR62 51309150-275, its exact host, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

General Electric IC695CPE310

View General Electric IC695CPE310 page

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General Electric IC200MDD845

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MANUFACTURER SOURCE RECORD

Honeywell Process Manager I/O Installation (PM/APM/HPM) R610 | Official Honeywell manufacturer publication

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.