Det-Tronics EQ3700DW

Discrete I/O Module / Product dashboard

This consolidated record joins Det-Tronics EQ3700DW identity, technical limits, applications, precautions and release evidence on one review surface.

IDENTITY

Det-Tronics EQ3700DW

PRODUCT ROLE

Discrete I/O Module

PLATFORM

Eagle Quantum Premier

CONTROL BASIS

Exact evidence plus installed-system record

Exact model	EQ3700DW
Part number	007371-003
Module type	8-channel discrete input/output
Platform	Eagle Quantum Premier
Mounting code D	DIN rail
Approval code W	FM / CSA / ATEX / IECEx

The dashboard places EQ3700DW identity, operating role and maintenance boundaries in one review surface for the Eagle Quantum Premier installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

Det-Tronics EQ3700DW

Discrete I/O Module / Technical matrix

Exact model	EQ3700DW
Part number	007371-003
Module type	8-channel discrete input/output
Platform	Eagle Quantum Premier
Mounting code D	DIN rail
Approval code W	FM / CSA / ATEX / IECEx
Channel configuration	Input or output
Point style	Supervised or unsupervised
Input uses	Alarm, supervisory or other approved input
Output uses	Notification, releasing or approved control output
Field communication	EQP signaling line circuit
Enclosure material	Aluminum

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

Det-Tronics 2026 Product Catalog and EQ3700 DCIO Record

REVISION NOTE

Exact model matrix / EQ3700DW part 007371-003

Det-Tronics EQ3700DW

Discrete I/O Module / Application architecture

Fire-detector inputs

Accepts approved heat, smoke or unitized flame-detector circuits.

Notification outputs

Operates configured alarm-signaling circuits within the engineered EQP design.

Releasing outputs

Controls approved releasing circuits through documented supervised logic.

Fire-and-gas system expansion

Adds eight field points to the Eagle Quantum Premier network.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the Eagle Quantum Premier context, EQ3700DW must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Det-Tronics EQ3700DW

Discrete I/O Module / Risk and decision register

PRIMARY RISK

A mismatch between the EQ3700DW label and the installed discrete i/o module record.

CONFIGURATION RISK

Loss of the EQ3700DW project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another Eagle Quantum Premier item as automatically equivalent to EQ3700DW.

RELEASE RISK

Returning EQ3700DW to control before diagnostics and functional response are witnessed.

Decision register

How many configurable channels does Det-Tronics EQ3700DW provide?

It provides eight independent channels that can be configured as inputs or outputs.

Which approval package is encoded by Det-Tronics EQ3700DW?

The W code identifies the FM, CSA, ATEX and IECEx execution.

Can each channel on Det-Tronics EQ3700DW be supervised?

Each point can be configured for supervised or unsupervised operation within the supported EQP point styles.

What must be retained before replacing Det-Tronics EQ3700DW?

Retain node identity, all eight channel assignments, supervision values, wiring labels and the impairment record.

Which mounting form is encoded by Det-Tronics EQ3700DW?

The D code identifies DIN-rail mounting.

Which part number belongs to Det-Tronics EQ3700DW?

The official product catalog lists part number 007371-003.

Which system communicates with Det-Tronics EQ3700DW?

The module is designed for the Eagle Quantum Premier fire-and-gas system signaling line circuit.

What proves successful commissioning of Det-Tronics EQ3700DW?

Witness every configured input and output together with active, fault, supervision and system-annunciation behavior.

Decision closeout

Approve the EQ3700DW decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

Det-Tronics EQ3700DW

Discrete I/O Module / Canonical record and support

Canonical identity	Det-Tronics EQ3700DW
Product name	Discrete I/O Module
Family	Eagle Quantum Premier
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

HIMA F3 DIO 16/8 01	View HIMA F3 DIO 16/8 01 page
Honeywell TC810R1024	View Honeywell TC810R1024 page

MANUFACTURER EVIDENCE RECORD

Det-Tronics 2026 Product Catalog and EQ3700 DCIO Record

Exact model matrix / EQ3700DW part 007371-003

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Send the exact model, quantity, destination and requested condition for a quotation.