GE IS220YDOAS1AJ

Safety Output Pack / Product dashboard

The closeout record combines exact pack identity, supply health, terminal-board inspection and witnessed safety-output behavior.

IDENTITY

GE IS220YDOAS1AJ

PRODUCT ROLE

Safety Output Pack

PLATFORM

Mark VIeS

CONTROL BASIS

Exact evidence plus installed-system record

Module family	IS220YDOAS1A
Function	Safety discrete output I/O pack
Supply range	27.4 to 28.6 V DC
Nominal supply	28.0 V DC
Maximum supply current	0.71 A DC
Approved terminal boards	TRLYS1F / TRLYS2F family

The dashboard places IS220YDOAS1AJ identity, operating role and maintenance boundaries in one review surface for the Mark VIeS installation.

Dashboard boundary

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

GE IS220YDOAS1AJ

Safety Output Pack / Technical matrix

Module family	IS220YDOAS1A
Function	Safety discrete output I/O pack
Supply range	27.4 to 28.6 V DC
Nominal supply	28.0 V DC
Maximum supply current	0.71 A DC
Approved terminal boards	TRLYS1F / TRLYS2F family
Ambient range	-30 to +65 degrees C
System family	Mark VIeS

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

GEH-6725R Mark VIe and Mark VIeS Controls Equipment Guide

REVISION NOTE

YDOAS1A hardware combinations, electrical ratings and ambient range

GE IS220YDOAS1AJ

Safety Output Pack / Application architecture

Safety relay actuation

Transfers approved safety output commands to relay terminal-board circuits.

Turbine protection output

Supports documented discrete trips or permissives in a Mark VIeS application.

Exact pack replacement

Restores the YDOAS1A-family output position with its approved terminal board.

Safety-loop maintenance

Keeps hardware identity, logic assignment and witnessed field response aligned.

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 Mark VIeS context, IS220YDOAS1AJ must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

GE IS220YDOAS1AJ

Safety Output Pack / Risk and decision register

PRIMARY RISK

A mismatch between the IS220YDOAS1AJ label and the installed safety output pack record.

CONFIGURATION RISK

Loss of the IS220YDOAS1AJ project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another Mark VIeS item as automatically equivalent to IS220YDOAS1AJ.

RELEASE RISK

Returning IS220YDOAS1AJ to control before diagnostics and functional response are witnessed.

Decision register

What function is documented for GE IS220YDOAS1AJ?

It is a Mark VIeS safety discrete output I/O pack in the YDOAS1A family.

What supply range applies to GE IS220YDOAS1AJ?

The YDOAS1A family is rated for 27.4 to 28.6 V DC with a 28.0 V DC nominal supply.

Which ambient range is published for GE IS220YDOAS1AJ?

The equipment guide lists -30 to +65 degrees Celsius for the YDOAS1A family.

What safety records must be retained for GE IS220YDOAS1AJ?

Retain the channel assignment, voting context, cause-and-effect record, output wiring and validated application revision.

Which terminal boards are approved with GE IS220YDOAS1AJ?

The official guide lists the IS200TRLYS1F, IS200TRLYS2F, IS400TRLYS1F and IS400TRLYS2F families for YDOAS1A.

What maximum pack current is listed for GE IS220YDOAS1AJ?

The published maximum supply current is 0.71 A DC.

Why must the terminal board be recorded for GE IS220YDOAS1AJ?

The pack operates through an approved relay terminal board whose circuit arrangement defines the field interface.

How is GE IS220YDOAS1AJ functionally accepted?

Prove each affected output and the intended safety response under the approved test procedure before release.

Decision closeout

Approve the IS220YDOAS1AJ decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

GE IS220YDOAS1AJ

Safety Output Pack / Canonical record and support

Canonical identity	GE IS220YDOAS1AJ
Product name	Safety Output Pack
Family	Mark VIeS
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.

GE IS420UCSBH4A	View GE IS420UCSBH4A page
GE IS200HSLAH2A	View GE IS200HSLAH2A page

MANUFACTURER EVIDENCE RECORD

GEH-6725R Mark VIe and Mark VIeS Controls Equipment Guide

YDOAS1A hardware combinations, electrical ratings and ambient range

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

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