WESTINGHOUSE 7380A36G01

QSE Sequence-of-Events Card

WESTINGHOUSE 7380A36G01 is a sixteen-input Q-Line QSE sequence-of-events recorder card with on-card 48 V contact wetting.

01	02	03	04
Sixteen contact inputs	1/8 ms event resolution	On-card 48 V wetting	Dual event buffers

System position

Field contact	QSE filtering and isolation	Time tag and event buffers	DIOB controller

Product and release scope

Exact identity	Engineering use	Verification boundary	Acceptance
WESTINGHOUSE 7380A36G01 is retained without shortening its suffix.	In a DIOB-based event path, WESTINGHOUSE 7380A36G01 combines optical isolation, digital filtering, masking and synchronized time tagging. Contact resistance, common-return wiring and event-buffer handling must all be commissioned.	Only exact-model or explicitly applicable family facts are populated.	Connections, configuration, function and safe response require recorded proof.

02 / CAPABILITY AND INTERFACE MAP

Verified technical matrix

Product type	QSE sequence-of-events recorder card
Group	G01
Channel count	16
Input arrangement	Common return
Open-contact voltage	42 to 56 V; 48 V nominal

Closed-contact current	7 to 21 mA; 14 mA nominal
Event resolution	1/8 ms
Event-buffer capacity	32 events across two buffers
Closed-circuit resistance	Less than 60 ohms total
Open-contact leakage resistance	50 kilohms minimum

Interface architecture

Field boundary	Input boundary	Event boundary	Bus boundary
Sixteen contacts sharing a common return	48 V wetting, conditioning and optical isolation	Masking, filtering and dual-buffer time tagging	Current status and event data transferred to DIOB

Control path

Field contact	QSE filtering and isolation	Time tag and event buffers	DIOB controller

Technical service focus

H1	H2	H3	H4
Sixteen contact inputs	1/8 ms event resolution	On-card 48 V wetting	Dual event buffers

Use cases with controlled scope

Sequence-of-events recording	Trip chronology analysis	Legacy Q-Line service	Contact-path troubleshooting
Captures ordered changes from sixteen field contacts.	Provides synchronized high-resolution event timestamps.	Restores the G01 QSE event-recorder position.	Separates wetting supply, wiring, filtering and event-buffer checks.

INTEGRATION CHECKPOINTS

Identity	Host system	Configuration	Acceptance
WESTINGHOUSE 7380A36G01 remains complete in purchasing, drawings and labels.	Installed position and surrounding hardware are verified before exchange.	Project data, jumpers, wiring and settings are recorded as applicable.	Functional and safe-state evidence is captured before release.

Installation decision points

1	2	3	4
Isolate field contacts before handling WESTINGHOUSE 7380A36G01.	Confirm the full G01 identity and retain the installed DIOB address.	Record all sixteen point assignments, mask states and common-return wiring.	Keep closed-circuit resistance below the documented 60-ohm limit.

System relationship

Field contact	QSE filtering and isolation	Time tag and event buffers	DIOB controller

FAQ decision matrix

Engineering decision	Controlled response
How many contacts does WESTINGHOUSE 7380A36G01 monitor?	It monitors sixteen field-contact inputs with a common return.
Which wetting voltage is provided by WESTINGHOUSE 7380A36G01?	The card provides 48 V nominal, with an open-circuit range of 42 to 56 V.
What closed-contact current applies to WESTINGHOUSE 7380A36G01?	The closed-contact current is 7 to 21 mA, nominally 14 mA.
Which event resolution belongs to WESTINGHOUSE 7380A36G01?	Group 01 records event time at 1/8 ms resolution.

Eight release precautions

1 Isolate field contacts before handling WESTINGHOUSE 7380A36G01.	**2** Confirm the full G01 identity and retain the installed DIOB address.	**3** Record all sixteen point assignments, mask states and common-return wiring.	**4** Keep closed-circuit resistance below the documented 60-ohm limit.
5 Maintain at least 50 kilohms leakage resistance for an open contact.	**6** Verify the 48 V nominal wetting supply before evaluating field points.	**7** Synchronize the QSE clock and test event-buffer transfer after startup.	**8** Release the card only after every used input and its timestamp pass the event test.

Product verification and contact

Evidence applicability

Evidence record	Applicable scope
Westinghouse Q-Line Installation Manual M0-0053, QSE Style 7380A36G01 and G02	Supports only the exact-model or explicitly applicable family facts used in this document.

Related Apter Power references

Related Apter Power references	Scope note
WESTINGHOUSE 5X00070G04	Portfolio reference only; verify compatibility independently.
WESTINGHOUSE 5X00109G02	Portfolio reference only; verify compatibility independently.
WESTINGHOUSE 1C31142G01	Portfolio reference only; verify compatibility independently.

	Apter Power technical support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com	Model record WESTINGHOUSE 7380A36G01 QSE Sequence-of-Events Card Verify the complete nameplate before installation.