

Before work on F3330

Work from the controlled HIMA system drawings and the exact installed revision. The checks below apply the model-specific limits in the original data sheets; site isolation and safety procedures remain mandatory.

#	CONTROL	PRE-CONNECTION ACTION
1	Load record	Record resistive, inductive and lamp loads separately.
2	Load limit	Verify 500 mA / 12 W per output; lamps up to 4 W unless the special circuit is approved.
3	L- continuity	Confirm L- supply and its loss response.
4	Inductive diode	Apply HIMA's required diode arrangement to inductive loads.
5	Output plug	Match Z 7138 / 3330 plug variant and eight channels.
6	Rack loading	Check the number of nominally loaded F3330 modules in one rack.
7	Isolation	Use the site-approved de-energization procedure.
8	Testing	Record output readback and commanded state under controlled conditions.

HOLD POINT

Do not treat similar F333x cards as interchangeable; verify the exact output plug, load and installed safety logic.

MANUFACTURER BASIS

HIMA Paul Hildebrandt GmbH + Co KG, F 3330 (9912) Overview Data Sheets, pp. 1-2

Controlled release record

Verify each item in the actual cabinet and record the observed state. The module's published values do not prove that the surrounding system is configured correctly.

#	CONTROL	REQUIRED RECORD
1	Identity	F3330 full marking and cabinet slot recorded.
2	Field wiring	Eight b-contact channel assignments verified.
3	Output type	Each connected load meets the original HIMA limits.
4	L- condition	Loss-of-L- behavior checked against the safety design.
5	Shutdown	Integrated safety shutdown path tested as approved.
6	Inductive protection	Specified diode arrangement verified where required.
7	Alarm and logic	Expected controller response logged.
8	Release	Responsible engineer signs the controlled test record.

FINAL RELEASE

Do not restore the protected process until the responsible site engineer has accepted the module, field circuits, controller response and test records.

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