A6500-UM

Universal Two-Channel Machinery Measurement Card

Field installation, controlled replacement and commissioning guide for the exact supplied reference.

01 Work boundary

Asset position

Record the machine, cabinet, rack, channel or network location.

Stored energy

Apply the site isolation and maintenance authorization for connected circuits.

Configuration evidence

Retain the installed data needed to restore function and diagnostics.

Release authority

Return control only after the responsible team accepts the recorded results.

02 Six-stage field sequence

01	Export both channel definitions and rack assignment.
02	Record sensor supply, bias or gap and buffered waveform.
03	Control the machinery protection bypass.
04	Load the verified transducer and alarm configuration.
05	Compare live signals with the accepted machine baseline.
06	Prove alert, danger and configured relay voting.

03 Before-removal evidence

Exact identity	A6500-UM
Installed-system position	AMS 6500 machinery protection system
Interface photograph	Capture labels, connectors, terminal order and cable destinations.
Baseline record	Save applicable static values, status, diagnostics and process response.
Controlled deviation	Document any mismatch before changing wiring or configuration.

04 Connection and configuration transfer

Measurement channels	Installed reference: 2. Record the actual connection or setting, then compare after restoration.
Board format	Installed reference: 100 mm x 160 mm. Record the actual connection or setting, then compare after restoration.
Rack width	Installed reference: 6 HP. Record the actual connection or setting, then compare after restoration.
Rack height	Installed reference: 3 RU. Record the actual connection or setting, then compare after restoration.
Power consumption	Installed reference: 6 W maximum. Record the actual connection or setting, then compare after restoration.
Protection degree	Installed reference: IP20. Record the actual connection or setting, then compare after restoration.
Operating temperature	Installed reference: -20 to +70 deg C. Record the actual connection or setting, then compare after restoration.
Storage temperature	Installed reference: -40 to +85 deg C. Record the actual connection or setting, then compare after restoration.

05 Stop / continue decisions

Marking or revision differs	Stop and resolve the exact supplied identity before installation.
Companion hardware differs	Do not force connection or copy a nearby configuration.
Unexpected field energy	Re-establish the isolation boundary and investigate the source.
Diagnostics do not clear	Separate field, cable, configuration and hardware causes.
Baseline cannot be reproduced	Keep the function under maintenance control and escalate the deviation.

06 Commissioning and acceptance record

Identity accepted	Complete marking and installed position agree with the controlled record.
Interfaces accepted	Connector, terminal, cable and companion identities match the approved design.
Configuration accepted	Addressing, range, scaling, logic or channel assignments are restored.
Static proof accepted	Power, continuity, bias, state or idle diagnostics agree with the baseline.

Operating proof accepted	The representative controlled function responds as intended.
Handover accepted	Readings, photographs, deviations and authorizing person are recorded.

07 Fault-isolation route

No recognition	Check slot or address, supply, keying, connector seating and configuration identity.
Bad value or state	Compare field source, wiring, reference, scaling and channel setup.
Intermittent response	Inspect shielding, grounding, contacts, cable support and environmental influence.
Command without process action	Trace output, field energy, final device and returned feedback separately.

08 As-left evidence worksheet

Installed asset reference	Record the machine, cabinet, rack, channel or loop designation.
Exact supplied identity	A6500-UM plus visible revision, option and serial markings.
Companion identities	Record connected terminal, carrier, cable, sensor, actuator or network parts.
Before-removal baseline	Retain the applicable voltage, current, state, bias, gap, status or process response.
As-left result	Record the same values after restoration under controlled conditions.
Configuration record	Identify the approved backup, checksum, address, scale or logic revision used.
Deviation and authority	Document differences, disposition and the responsible release authority.

09 Separate verified listings

GE IC676PBI008	Eight-Point IP67 PROFIBUS Digital Input Block; separate listing, not an automatic substitute.
Bender IRDH275-435	Insulation Monitoring Device; separate listing, not an automatic substitute.
GE IS200TBTCH1CBB	Thermocouple Input Terminal Board; separate listing, not an automatic substitute.
GE IS200TRLYH1BED IS200TRLYH1B	Relay Output Terminal Board; separate listing, not an automatic substitute.
GE IS200VAICH1DAA IS200VAICH1D	Analog Input and Output VME Board; separate listing, not an automatic substitute.
GE IS200VCRCH1BBB	Discrete Input and Relay Output VME Board; separate listing, not an automatic substitute.
GE IS200VSVOH1BDC IS200VSVOH1B	Servo Control VME Board; separate listing, not an automatic substitute.
GE IS200VVIBH1CAB IS200VVIBH1C	Vibration Monitoring VME Board; separate listing, not an automatic substitute.

Confirm installation scope and commissioning evidence with Apter Power.
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Quote the complete reference: A6500-UM