ABB GJR5143100R0001 35EK90

Installation & Verification Guide

ABB GJR5143100R0001 35EK90 is a Procontic T300 level coupler used at the basic subrack in a multi-subrack control arrangement.

01 Record the installed cabinet

Complete marking	GJR5143100R0001 35EK90
Basic subrack	Photograph the 35 EK 90 position and connector orientation.
Extension chain	Record each 35 EK 91, its level and the cable linking it to the next subrack.
End termination	Photograph matching-resistor positions and covering caps at the chain ends.

02 Prepare a controlled exchange

Approved state	Apply the site maintenance and isolation procedure before disturbing the coupler.
As-found map	Label every 35 SK 96 link and its two mating positions.
Offered comparison	Compare full marking, connector arrangement and mechanical fit with the available unit.
Transfer	Restore the recorded link order and end termination; do not interchange basic and extension couplers.

03 Prove the restored arrangement

Link path	Confirm inter-subrack connection using the approved machine test.
Separate monitoring	Verify processor and subrack supervision independently of the level coupler.
Acceptance record	Retain label photographs, cable map, termination record and response results.

04 Isolate a coupling fault

Basic-level connection	Inspect the 35 EK 90 connector and its recorded cable position.
Extension level	Check 35 EK 91 identity and seating at the affected subrack.
Link path	Trace each 35 SK 96 connection against the as-found map.
Chain end	Compare matching-resistor locations with the approved topology.
Monitoring alarm	Test the separate supervision path before attributing the alarm to the coupler.

05 As-left record

Asset and revision	Cabinet, basic subrack, full coupler marking and visible revision.
Installed topology	Extension subrack order, coupler labels, link-cable identities and end termination.
Functional proof	Communication response, monitoring response, date and responsible sign-off.

Discuss the complete GJR5143100R0001 35EK90 marking and installed T300 subrack arrangement with Apter Power. sales13@apterpower.com | +86 18030235313