APTER POWER FIELD ENGINEERING

IC670MDL740

Field Control 12/24 VDC Positive Output Module

INSTALLATION AND COMMISSIONING WORKBOOK

1 IDENTIFY

2 ISOLATE

3 INSTALL

4 VERIFY

Preparation gate

Complete these checks before disconnecting the installed product.

1	Confirm IC670MDL740 and the assigned Field Control station address.	☐
2	Isolate the external 12/24 VDC field supply before handling wiring.	☐
3	Record every point, common and supply conductor on the terminal base.	☐
4	Verify positive-logic polarity and the one-group common arrangement.	☐

PRE-WORK RECORD

Work order _____ Drawing / revision _____

Checked by _____ Date _____

Installation and connection sequence

Install IC670MDL740 on the matching Field Control terminal base with the bus interface unpowered, then restore the recorded 16-point wiring and common supply. Check the common fuse, low-supply and output indicators before controlled load testing.

05 Inspect the common fuse and resolve low-supply indications before testing outputs.

06 Keep every point and total module current within the published limits.

07 Command each channel under controlled conditions and observe the field load.

08 Review bus-interface and PLC diagnostics before returning the station to automatic control.

Commissioning record

Record the controlled checks used to release this exact product.

1. Identity / article	PASS / FAIL	
2. Mechanical installation	PASS / FAIL	
3. Power / wiring	PASS / FAIL	
4. Grounding / shielding	PASS / FAIL	
5. Configuration	PASS / FAIL	
6. Signal response	PASS / FAIL	
7. Diagnostics / alarms	PASS / FAIL	
8. Final release	PASS / FAIL	

MODEL-SPECIFIC ACCEPTANCE

Confirm IC670MDL740, terminal-base and bus-interface compatibility, station addressing, 16-point allocation, 10 to 30 VDC field supply, positive-logic polarity, common fuse, load current, grounding and controlled point-by-point test results before service.

Engineering navigation and closeout

Eight different validated product pages for related system planning.

VALIDATED RELATED ENGINEERING PAGES	
01	IS200STAOH2AAA analog output module
02	IS200TBTCH1BBB control card
03	IS200EMIOH1ACA exciter main I/O board
04	IS200ECTBG1A exciter contact terminal board
05	IS200TRTDH1CCC RTD terminal board
06	IC693CHS398 Series 90-30 expansion baseplate
07	IS200ACLEH1BCB application control layer module
08	DS200TCDAF1BCM digital I/O board

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE

Field Control Discrete Output Modules User's Manual | GFK-0891H, February 1998

APTER POWER SALES TEAM

WHATSAPP / PHONE
+86 180 3023 5313

EMAIL
sales13@apterpower.com

WEBSITE
www.apterpower.com

IC670MDL740