APTER
POWER

IC670MDL740

Field Control 12/24 VDC Positive Output Module

PRODUCT TECHNICAL REFERENCE

GE IC670MDL740 is a Field Control 16-point positive-logic DC output module. It switches grouped 12/24 VDC field loads through a compatible Field Control terminal base and bus interface unit.

OFFICIAL SOURCE

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

Verified technical profile

Field Control 12/24 VDC Positive Output Module

Output type	12/24 VDC positive logic
Output points	16
Output groups	1 group of 16
User input voltage	10 to 30 VDC; 24 VDC nominal
Output voltage range	9.2 to 29.5 VDC
Maximum output current	0.5 A per point
Maximum module current	4 A
Minimum load	1 mA per point
Output voltage drop	0.5 V maximum
Response time	200 microseconds maximum on or off
Bus-interface current	111 mA maximum

Only values traceable to the listed manufacturer source are treated as verified technical data.

System role and engineering boundaries

GE IC670MDL740 is a Field Control 16-point positive-logic DC output module. It switches grouped 12/24 VDC field loads through a compatible Field Control terminal base and bus interface unit.

1. Provides sixteen grouped positive-logic outputs
2. Switches externally supplied 12/24 VDC field loads
3. Reports output and supply-related status locally
4. Supports service replacement without disturbing documented terminal-base wiring

ENGINEERING NOTE

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.

Industrial application matrix

Four source-supported operating contexts for this exact product.

Distributed solenoid control

Switches documented 12/24 VDC coils from a Field Control I/O station.

Machine actuator commands

Provides grouped DC commands to interposing devices in a distributed machine cell.

Panel indicator outputs

Drives approved low-current DC indication circuits within module limits.

Legacy Field Control maintenance

Restores a matching sixteen-point output position while preserving terminal-base wiring.

Related-series navigation

Eight verified Apter Power product pages, kept separate from the manufacturer source record.

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

Navigation links only - not manufacturer evidence for technical parameters.

SOURCE RECORD

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

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