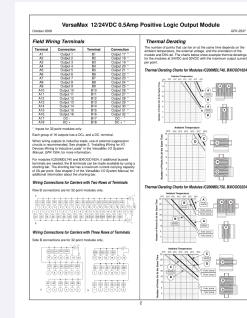


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

IC200MDL750K
32-point DC output module



PRODUCT	IC200MDL750K
FAMILY	VersaMax discrete I/O
FUNCTION	32-point DC output module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from GE VersaMax documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Output Voltage	10.2 to 30 V DC
Nominal Voltage	12/24 V DC
Discrete Outputs	32
Output Groups	2 groups of 16
Load per Point	0.5 A maximum
Output Drop	0.3 V maximum

02 PREPARATION AND CONNECTION

- Confirm the complete IC200MDL750K article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

VersaMax 12/24VDC 0.5Amp Positive Logic Output Module

October 2008

GFK-2537

Field Wiring Terminals

Terminal	Connection	Terminal	Connection
A1	Output 1	B1	Output 17 *
A2	Output 2	B2	Output 18 *
A3	Output 3	B3	Output 19 *
A4	Output 4	B4	Output 20 *
A5	Output 5	B5	Output 21 *
A6	Output 6	B6	Output 22 *
A7	Output 7	B7	Output 23 *
A8	Output 8	B8	Output 24 *
A9	Output 9	B9	Output 25 *
A10	Output 10	B10	Output 26 *
A11	Output 11	B11	Output 27 *
A12	Output 12	B12	Output 28 *
A13	Output 13	B13	Output 29 *
A14	Output 14	B14	Output 30 *
A15	Output 15	B15	Output 31 *
A16	Output 16	B16	Output 32 *
A17	DC -	B17	DC - *
A18	DC +	B18	DC + *

* Inputs for 32-point modules only.

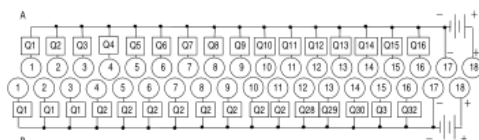
Each group of 16 outputs has a DC+ and a DC- terminal.

When wiring outputs to inductive loads, use of external suppression circuits is recommended. See chapter 2, "Installing Wiring for I/O Devices-Wiring to Inductive Loads" in the *VersaMax I/O System Manual*, GFK-1504, for more information.

For modules IC200MDL740 and BXI00D1624, if additional bussed terminals are needed, the B terminals can be made available by using a shorting bar. The shorting bar has a maximum current-carrying capacity of 2A per point. See chapter 2 of the *VersaMax I/O System Manual*, for additional information about the shorting bar.

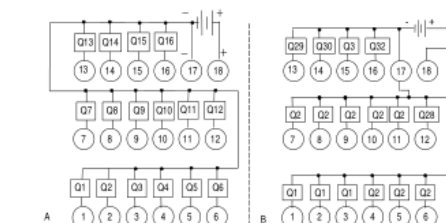
Wiring Connections for Carriers with Two Rows of Terminals

Row B connections are for 32-point modules only.



Wiring Connections for Carriers with Three Rows of Terminals

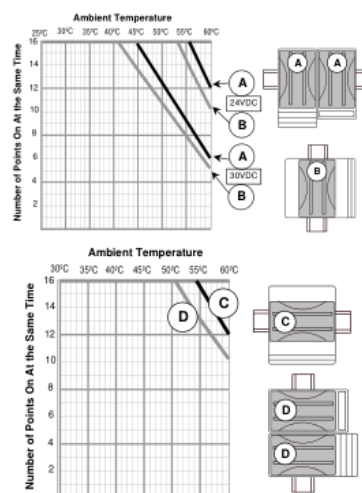
Side B connections are for 32-point modules only.



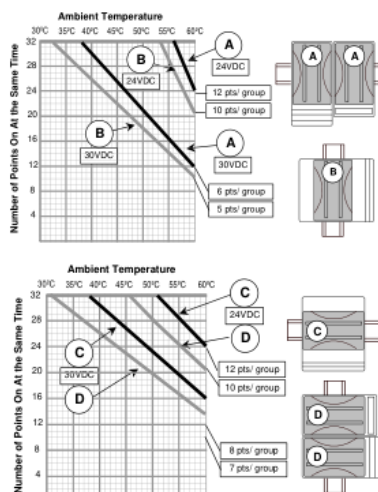
Thermal Derating

The number of points that can be on at the same time depends on the ambient temperature, the external voltage, and the orientation of the module and DIN rail. The charts below show example thermal deratings for the modules at 24VDC and 30VDC with the maximum output current per point.

Thermal Derating Charts for Modules IC200MDL740, BXI00D1624



Thermal Derating Charts for Modules IC200MDL750, BXI00D3224



04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	GE official manufacturer documentation
Product record	IC200MDL750K
Manufacturer	GE VersaMax
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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AMIKONG.COM