

IC600YB909
New In Stock!
GE Fanuc

<http://www.pdfsupply.com/automation/ge-fanuc/ge-series-six-6/IC600YB909>

Ge Series Six 6
1-919-535-3180

48Vdc Source Output Module (8 points) IC600Y IC600YB

www.pdfsupply.com

Email: sales@pdfsupply.com

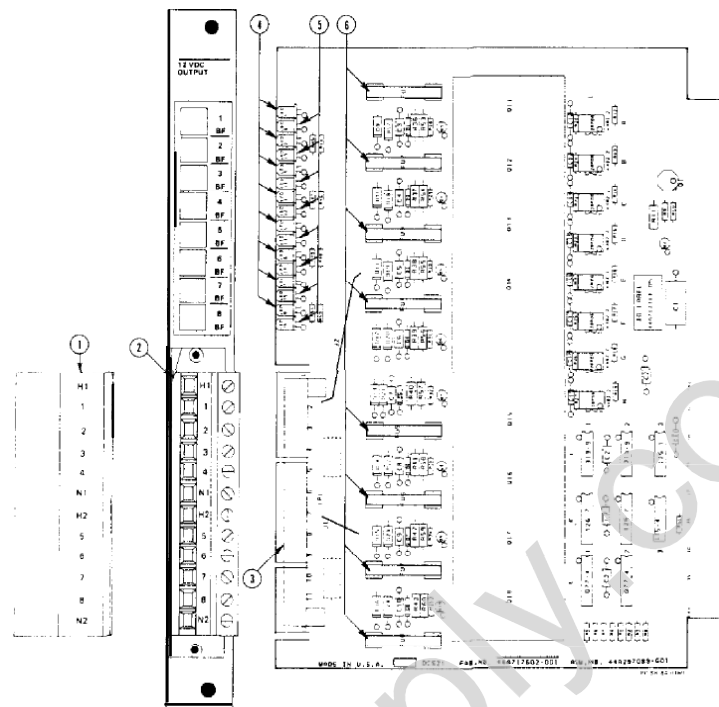


Figure 1, User Items

1. Terminal Cover
2. User Terminal Block:
Accepts connections from user output devices and the DC power source(s). (Refer to Figure 2, Typical User Connections.)
3. Circuit-Board Terminal Block:
Mates with the user terminal block.
4. Output LED 1 → 8
On: Corresponding output is in the ON state.
Off: Corresponding output is in the OFF state.
5. BF (Blown Fuse) LED 1 + 8
On: The fuse for corresponding output is open (blown) ,
Off: The fuse for corresponding output is OK.
6. Output-Circuit Fuses: 3 A, normal blow (AGC 3)

Installation

The DC Output module can be installed in an I/O rack or in a model 60 CPU rack. Before installing the module, set the Dual-In-Line-Package (DIP) switches directly behind the card slot on the rack backplane to establish the proper correspondence between the output terminals on this module and a group of eight consecutive output numbers in the program. To determine the proper switch settings, refer to the table in the Installation section of the Series Six Installation and Maintenance Manual, GEK-25361.

We recommend that the extraction/insertion tool furnished with the CPU be used to remove or install the circuit board. With the board in place in the rack, the

faceplate should be slipped over the circuit board so that the terminals near the bottom of each are mated. The faceplate can then be secured to the rack using the thumbscrews at top and bottom.

Refer to Figure 2 for typical user connections to the DC Output module. One side of each load controlled by this module should be connected to the appropriate **output** terminal (1 through 8). The other side of each load connected to terminals 1 through 4 should be returned to a common line connected to the Neutral No.1 (N1) terminal for a source module, or to the High No.1 (H1) terminal for a sink module. The other side of each load connected to terminals 5

GEK-83521B

through 8 should be returned to a common line connected to the Neutral No.2 (N2) terminal for a source module, or to the High No.2 (H2) terminal for a sink module. A user DC power source must be connected between the HI (+) and the NI (-) terminals; a power source must also be connected between the H2 (+) and the N2 (-) terminals. Each terminal can accommodate one No.12 AWG wire or two No.14 AWG wires. The terminal cover should be installed by

guiding both of its edges onto the top of the terminal block and sliding it downward over the terminals.

Note that a markable area is provided on the plastic lens beside each pair of indicators for noting the function or destination of each output. The faceplates are color coded (blue) to allow you to easily distinguish the DC Output modules from other types of I/O modules.

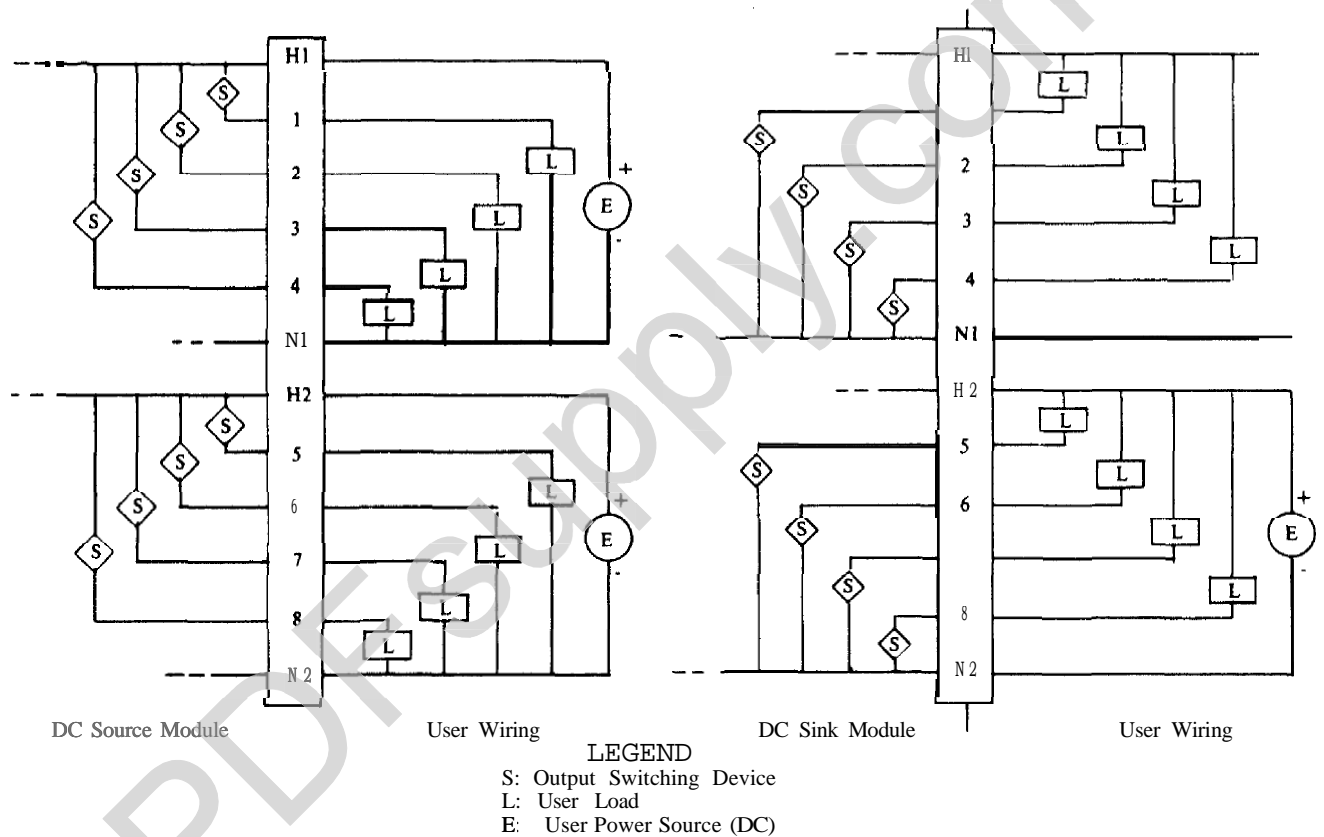


Figure 2. Typical User Connections

Table 2. Specifications

- Dimensions:	Circuit Board: 8.15 x 11.0 x 1.20 (inches) 208 x 280 x 31 (mm) Faceplate: 12.46 x 1.175 (inches) 317 x 30 (mm)
- Power Requirements:	5 Vdc, 400 mA (maximum) Supplied by I/O-rack power supply. Module User-Supplied Voltage 12 Vdc 9 + 20 Vdc 24 Vdc 19 + 40 Vdc 48 Vdc 38 → 55 Vdc
- Number of Outputs:	Eight (8), in two groups of 4 outputs with common high and neutral connections.
- Leakage (OFF):	5 mA @ 60°C (maximum)
- Steady State Current:	2 A (maximum)
- Inrush Current:	7 A (maximum)
- Total ON-State Current per Module:	Maximum: 16 A @ 0-40C, 8 A @ 60°C Minimum: 0 A
- ON-State Voltage Drop:	2.25 V (maximum)
- Response Time:	1 ms (maximum)
- Operating Temperature:	0 - 60°C (at the outside of the rack) -20 to +80C
- Humidity:	5 - 95% (non-condensing)

Table 3, Ordering Information

Module	Circuit Board & Faceplate	Circuit Board	Faceplate
12 Vdc Output (Source)	IC600BF907B	IC600YB907B	IC600FP907B
24 Vdc Output (Source)	IC600BF908B	IC600YB908B	IC600FP908B
48 Vdc Output (Source)	IC600BF909B	IC600YB909B	IC600FP909B
12 Vdc Output (Sink)	IC600BF906B	IC600YB906B	IC600FP906B
24 Vdc Output (Sink)	IC600BF902B	IC600YB902B	IC600FP902B
48 Vdc Output (Sink)	IC600BF903B	IC600YB903B	IC600FP903B

Catalog Number Revision Suffix

The equipment listed above having the catalog numbers shown and the same equipment having a higher alpha suffix is designed for listing by UL for use as auxiliary control devices. The equipment is a direct replacement for equipment having the same catalog number but a lower alpha suffix.

The UL symbol on the nameplate means the product is listed by Underwriters Laboratories Inc. (UL Standard No. 508, Industrial Control Equipment, subsection Electronic Power Conversion Equipment.)

For further information, contact your local GE Fanuc sales office.