DS200 IMCP / AC2000

Product Data Sheet

DS200IMCPG1CGC

IGBT Power Supply Interface Board

SDCC-SIDE I/O CONNECTOR	SDCC-SIDE POWER CONNECTOR	SDCC 2PL SUPPLY-ENABLE PIN	SDCC 2PL NEGATIVE 15 V PIN
1PL, 40 positions	**2PL, 9 positions**	**1, /PSEN**	**2, N15**

General Electric DS200IMCPG1CGC is an IMCP power-supply interface board used with the DS200 drive-control electronics. It combines a power-interface role with signal exchange to the associated SDCC control card. The complete G1CGC designation identifies the supplied board version within the IMCP family.

01 TECHNICAL DATA

SDCC-side I/O connector	1PL, 40 positions
SDCC-side power connector	2PL, 9 positions
SDCC 2PL supply-enable pin	1, /PSEN
SDCC 2PL negative 15 V pin	2, N15
SDCC 2PL positive 15 V pin	3, P15
SDCC 2PL analog-common pin	4, DCOM
SDCC 2PL positive 5 V pins	5 and 6, P5
SDCC 2PL logic-common pin	7, DCOM
SDCC 2PL negative 24 V pin	8, N24
SDCC 2PL positive 24 V pin	9, P24

GE GEI-100029C, DS200IMCP family interface to the SDCC; AC2000 connector tables 3 and 4. Exact board identity cross-chec

02 ADDITIONAL PRODUCT DATA

In the GE AC2000 interface arrangement, the IMCP communicates with the SDCC through the 1PL I/O connection, while the separate 2PL connection carries the control-power rails and power-supply enable signal. GE lists these connector assignments separately from the drive controller circuitry, distinguishing the power-interface board from the SDCC processor card.

03 PRODUCT FUNCTION

Map the installed IMCP harnesses to the SDCC connections before integrating the board. GE identifies 1PL as the I/O path between the IMCP power-supply board and SDCC, while the separate 2PL connector carries supply rails. The connector assignments in GEI-100029C apply to the AC2000 arrangement and should not be transferred to unrelated controllers.

04 SYSTEM COMPATIBILITY

At the SDCC end, 2PL has nine positions: power-supply enable at pin 1, negative and positive 15 V at pins 2 and 3, and common at pin 4. Positive 5 V uses pins 5 and 6 with its common at pin 7; negative and positive 24 V use pins 8 and 9. Preserve the keyed cable orientation and the documented common references.

05 REFERENCE

GE GEI-100029C, DS200IMCP family interface to the SDCC; AC2000 connector tables 3 and 4. Exact board identity cross-checked separately.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**