

SERIES 90-30 DISCRETE I/O

Product Data Sheet

IC693MDL645F

16-point 24 V DC input module

FUNCTION	FAMILY	ORIGIN	WEIGHT
16-point 24 V DC input	Series 90-30 discrete I/O	United States	0.80 kg

GE 90-30 Series PLC IC693MDL645F is a 16-point 24 V DC input module for the Series 90-30 discrete I/O. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Input Points	16
Nominal Voltage	24 V DC
Input Range	0 to 30 V DC
Logic Type	Positive or negative logic
On-State Voltage	11.5 to 30 V DC
Off-State Voltage	0 to 5 V DC
Input Current	7 mA typical
Response Time	7 ms on; 7 ms off
Backplane Current	80 mA at 5 V DC

- Fermentation and bottling process lines: Material Handling Systems
- Filtration and disinfection stations: Safety Interlock Systems
- Generator cooling and switchyard systems: Machine Control Systems

Match IC693MDL645F to the installed Series 90-30 discrete I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[GE official manufacturer documentation](#)

Local manufacturer PDF: IC693MDL645F.pdf