

PROFILE

G3-ECAT is a EtherCAT Bridge that allows the transition of the signal from RJ45 connectors to the side connectors between board and board of each G3 module. All I/O modules attached to G3-ECAT are visible to the master as separated and independent Ethercat nodes. G3-ECAT provides power supply for max 20 I/O connected modules.



TECHNICAL DATA

Power supply	24Vdc $\pm 25\%$, 3A max, powers up to 20 G-Mation I/O modules
Protection	Reverse polarity, short-circuit and overload
Connection	3 pole 5.08 pitch removable connector
Fieldbus connection	IN / OUT standard RJ45 connectors. Use minimum Cat 5E Shielded STP cable for 100m maximum cable length
Overvoltage category	II
Power dissipation	1,8W; $\pm 5\%$

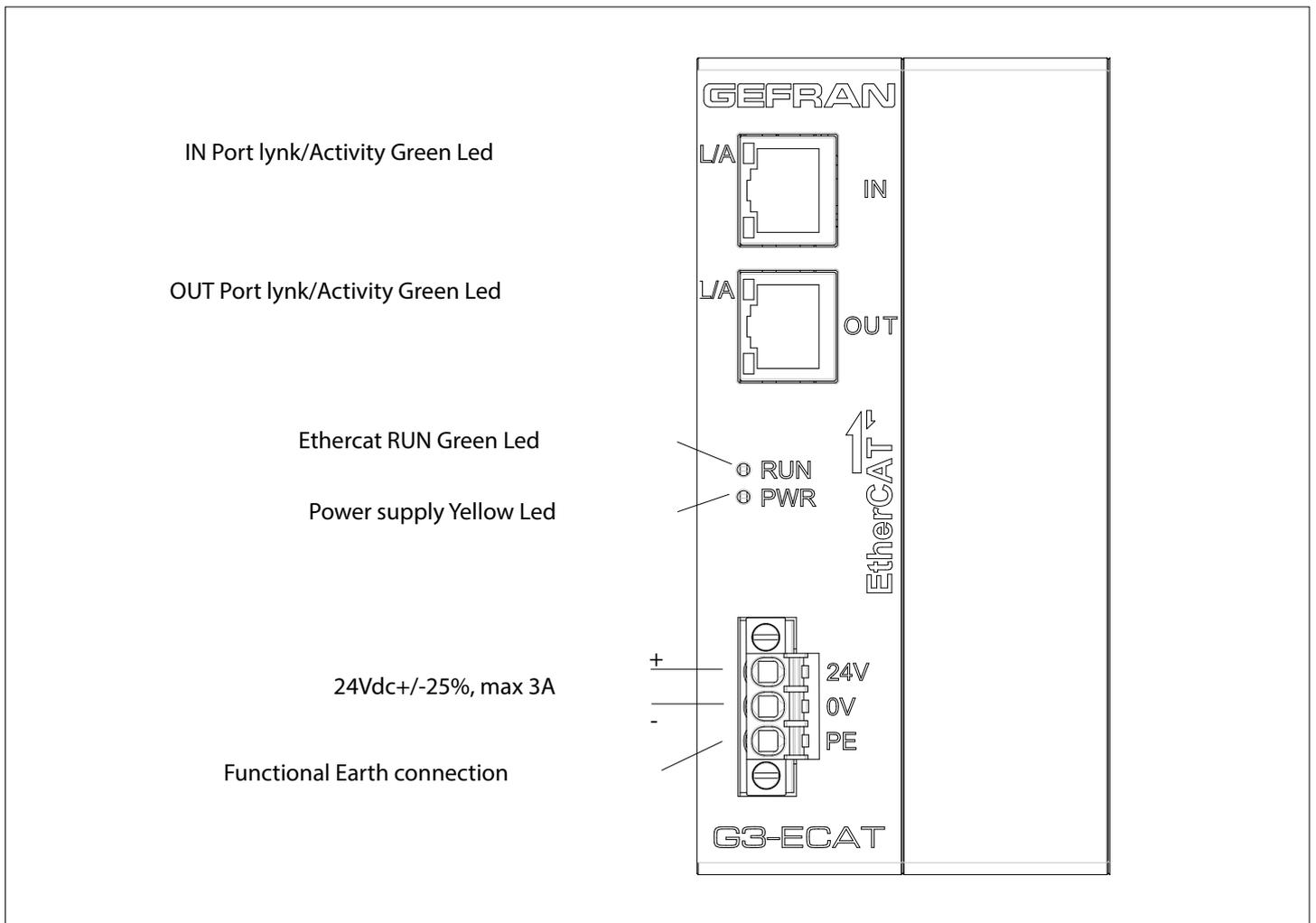
MECHANICAL DATA

Dimensions	120x110x60 mm
Weight	150 g
Protection level	IP20 For UL: not UL evaluated. Open type device
Attachment	mechanically snaps onto DIN rail

ENVIRONMENTAL CONDITIONS

Working temperature	-10...55°C
Storage temperature	-25...70°C
Humidity	max. 90% Rh not condensing
Pollution degree	2
Maximum altitude	2000 m

INSTALLATION AND CONNECTIONS



ORDERING CODE

COMPLETE MODULE	
G3-ECAT	F092613

GEFRAN spa reserves the right to make aesthetic or functional changes at any time and without notice.

	This device conforms to European Union Directive 2014/30/EU and 2014/35/EU as amended with reference to generic standards: EN 61000-6-2 (immunity in industrial environment) EN 61000-6-4 (emission in industrial environment) - EN 61010-1 (safety regulations).
	cULus listed, Conformity UL61010-1 - File: E198546