

GFX4-IR



4-ZONE MODULAR POWER CONTROLLER FOR INFRARED LAMPS AND INDUCTIVE LOADS



Stand-alone unit for independent control of four control loops, complete with SSR, current transformer (TC), volumetric transformers (VT).

Suitable for loads such as infrared lamps (long-wave, medium-wave, short-wave) and mono-phase and 3-phase transformer primaries. Available with configurable functions: firing with zero crossing, pulse train, half single cycle, phasing, delay on first cycle, soft start, current limits, voltage feedback, power feedback.

- Configurable analog control input (0-10V, 4-20mA)
- Faceplate protection: IP20
- Overvoltage protection
- TC input load interrupt protection
- Overtemperature function alarm
- Current V, I, P limit
- Modbus RTU digital communication
- Integrated fuse
- PID temperature control function
- Integrated heatsink
- Nominal working temperature 40°C
- Fieldbus connection

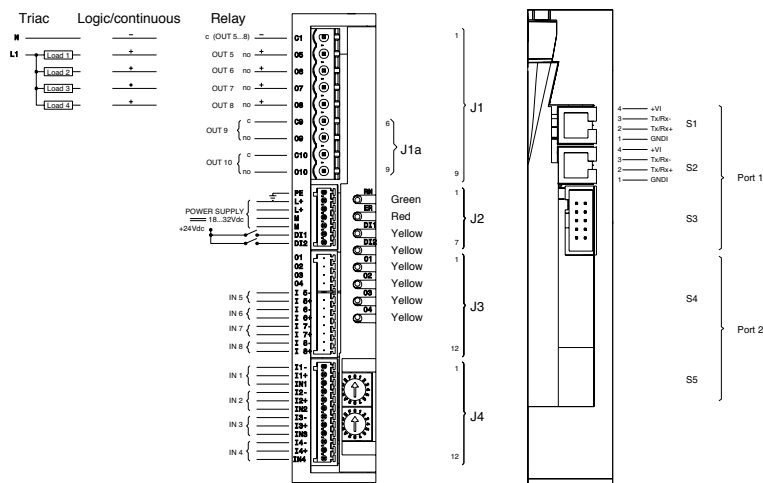
Modbus TCP/RTU



ETHERCAT



CE UL



Current	Working voltage	Inputs	Outputs	Integrated functions	Options included	Communication	Order code	SAP/METEL code	
4 x 16A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	2 relays	4 PID, 1 TA	4 high-speed fuses	Modbus	GFX4-IR-30-0-2-F-0	F047611	
4 x 16A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	6 relays	4 PID, 4 TA	4 high-speed fuses	Modbus	GFX4-IR-30-R-2-F-0	F050648	
4 x 16A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	6 relays	4 PID, 4 TA	4 high-speed fuses	Modbus + ETH (TCP)	GFX4-IR-30-R-2-F-E	F051245	
4 x 16A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	6 relays	4 PID, 4 TA	4 high-speed fuses	Modbus + PROFIBUS DP	GFX4-IR-30-R-2-F-P	F055227	
4 x 16A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	6 relays	4 PID, 4 TA	4 high-speed fuses	Modbus + CANOPEN	GFX4-IR-30-R-2-F-C	NO CODE	
4 x 30A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	2 relays	4 PID, 1 TA	4 high-speed fuses	Modbus	GFX4-IR-60-0-2-F-0	F048690	A
4 x 30A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	6 relays	4 PID, 4 TA	4 high-speed fuses	Modbus	GFX4-IR-60-R-2-F-0	F046414	
4 x 30A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	6 relays	4 PID, 4 TA	4 high-speed fuses	Modbus + ETH (TCP)	GFX4-IR-60-R-2-F-E	F050109	
4 x 30A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	6 relays	4 PID, 4 TA	4 high-speed fuses	Modbus + PROFIBUS DP	GFX4-IR-60-R-2-F-P	F050469	
4 x 30A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	6 relays	4 PID, 4 TA	4 high-speed fuses	Modbus + CANOPEN	GFX4-IR-60-R-2-F-C	F051714	
4 x 40A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	2 relays	4 PID, 1 TA		Modbus	GFX4-IR-80-0-2-0-0	F052025	
4 x 40A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	6 relays	4 PID, 4 TA		Modbus	GFX4-IR-80-R-2-0-0	F045607	
4 x 40A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	6 relays	4 PID, 4 TA		Modbus + ETH (TCP)	GFX4-IR-80-R-2-0-E	F047868	
4 x 40A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	6 relays	4 PID, 4 TA		Modbus + PROFIBUS DP	GFX4-IR-80-R-2-0-P	F050082	
4 x 40A	Up to 480 Vac	4 universals (TC,PT100 Lin.)	6 relays	4 PID, 4 TA		Modbus + CANOPEN	GFX4-IR-80-R-2-0-C	F053279	

All configurations can be seen on www.gefran.com