

# FrigoPack® E FU+

Refrigeration Inverters for intelligent control of refrigeration compressors



## Integrated functions and features

- ① Database of 43 refrigerants
- ① Database of compressors for selection of speed-controlled compressor with relevant pre-settings (e.g. max. motor current or speed)
- ① Control of 1...3 compressors standard
- ① Control of 4...5 compressors with additional relay
- ① Only one parameter necessary for setting integrated rack control for up to 5 compressors
- ① Webserver for monitoring with PC
- ① Quick setup in few steps
- ① Condenser fan control (EC motors) with 0...10 V output signal
- ① Safe-Torque-Off safety function in stop category 0
- ① Supply voltage 3AC 380...480 V with automatic adaption
- ① 3 relay outputs (extendable with external relays)
- ① 2 analog outputs for condenser fan control and special functions
- ① 6 digital inputs
- ① 2 analog inputs for pressure transmitters
- ① Integrated serial interface (Modbus-TCP via Ethernet)
- ① Data Logging

## Optional functions and features\*:

- ① CM-1 with serial interface RS485 Modbus RTU for extension modules
- ① Control depending on ambient temperature (floating control)
- ① Superheat monitoring
- ① Housing extensions for external wall mounting (IP40)

\*Accessory required.



### FrigoPack® E FU+

Version IP20 for mounting in an electrical enclosure  
Supply voltage 380 V...480 V

Rated Current	Max. Current 3 s	Size	Product code FrigoPack® E FU+	Dimensions (mm)			Weight (kg)
				Width	Height	Depth	
5,5 A	9 A	D	FPE FU+5.5	100	286	255	5
12 A	19 A	D	FPE FU+12	100	286	255	5
16 A	23 A	E	FPE FU+16	125	333	255	7
23 A	30 A	E	FPE FU+23	125	333	255	7
32 A	44 A	F	FPE FU+32	150	383	255	10
38 A	61 A	F	FPE FU+38	150	383	255	10
45 A	72 A	G	FPE FU+45	220	480	287	22
60 A	86 A	G	FPE FU+60	220	480	287	22
73 A	114 A	G	FPE FU+73	220	480	287	22
87 A	139 A	H	FPE FU+87	260	670	316	43
105 A	165 A	H	FPE FU+105	260	670	316	43
145 A	200 A	H	FPE FU+145	260	670	316	43
180 A	276 A	J	FPE FU+180	330	800	374	81
205 A	342 A	J	FPE FU+205	330	800	374	81
260 A	390 A	J	FPE FU+260	330	800	374	81

Our Partner:



*Keep Control!*

KIMO RHVAC Controls GmbH  
Tel.: +49 9131 93457-0  
applications@frigokimo.com  
[www.frigokimo.com](http://www.frigokimo.com)