

FrigoPack® E FU+

Refrigeration Inverters for intelligent control of refrigeration compressors



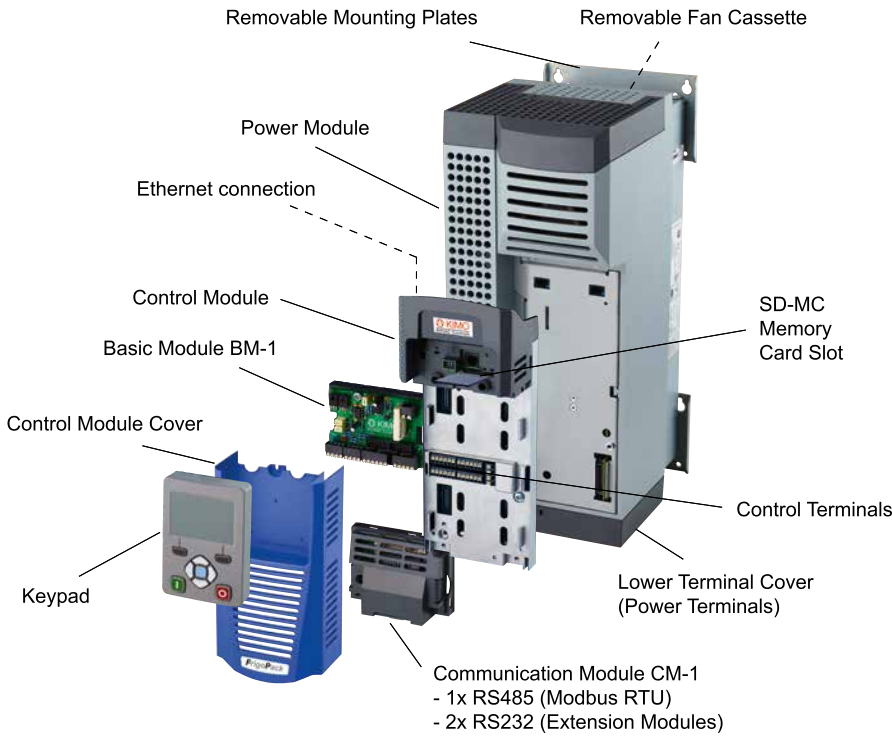
Integrated functions and features

- ① Up-to-date database of 44 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 relays
- ① Only one parameter necessary for setting integrated rack control for up to 5 compressors
- ① Webserver for monitoring of all operating parameters 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 to enable easy implementation of the VsC safety circuit without a safety contactor
- 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 (Ethernet Modbus or Webserver)

Optional functions and features*:

- ① Floating condenser control
- ① Superheat monitoring
- ① Serial interface RS485 Modbus RTU (module CM-1)
- ① Data Logging (available soon)
- 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	4,5
12 A	20 A	D	FPE FU+12	100	286	255	4,5
16 A	24 A	E	FPE FU+16	125	333	255	6,8
23 A	32 A	E	FPE FU+23	125	333	255	6,8
32 A	46 A	F	FPE FU+32	150	383	255	10,0
38 A	64 A	F	FPE FU+38	150	383	255	10,0
45 A	76 A	G	FPE FU+45	220	480	287	22,3
60 A	90 A	G	FPE FU+60	220	480	287	22,3
73 A	120 A	G	FPE FU+73	220	480	287	22,3
87 A	146 A	H	FPE FU+87	260	670	316	42,8
105 A	174 A	H	FPE FU+105	260	670	316	42,8
145 A	210 A	H	FPE FU+145	260	670	316	42,8
180 A	290 A	J	FPE FU+180	330	800	374	89,0
205 A	360 A	J	FPE FU+205	330	800	374	89,0
260 A	410 A	J	FPE FU+260	330	800	374	89,0
315 A	520 A	K	FPE FU+315	400	1310	459	143,0
380 A	630 A	K	FPE FU+380	400	1310	459	143,0
440 A	760 A	K	FPE FU+440	400	1310	459	143,0

Our Partner:



Keep Control!

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