

Explosion protection

Marking	ATEX: II 2G Ex IIC T3 Gb EAC / TR CU: 1Ex d e [ia] mb px IIB+H2 T3 Gb
Test certificate	TÜV 06 ATEX 2958
Ambient temperature (with cooling)	-20 °C to +55 °C
Ambient temperature (without cooling)	-40 °C to +55 °C

Technical data

Type designation	FKS 2 - CLM /-/-/-; FKS 4 - CLM /-/-/-
Protection type	IP 55
Nominal voltage	AC 400 V/50 Hz; AC 440 V/60 Hz AC 400 V/50 Hz; AC 460 V/60 Hz*
Rated current	4.5 A/7.8 A*
Pre-fuse	10 A/16 A*
Rated cooling performance	Q ₀ = approx. 2200 W (35 °C/35 °C) Q ₀ = approx. 4000 W (35 °C/35 °C)*
Option heating signal potential-free contact	40 W / 50 VA U _{max} : 48 V AC/DC I _{max} : 2 A
Refrigerant	R134a filling quantity approx. 1310 g R134a filling quantity approx. 2890 g*
Noise level	75 dB (A)
Condensate drain	automatic (maintenance-free)
Weight + EEx-d control unit	119 kg + 15 kg (GUB 3)/43 kg (GUB 4) 163 kg + 15 kg (GUB 3)/43 kg (GUB 4)*
Dimensions (Height x Width x Depth)	1646 mm x 466 mm x 350 mm (IP 55) 1646 mm x 466 mm x 425 mm (IP 65) 1845 mm x 600 mm x 435 mm (IP 55)* 1845 mm x 600 mm x 510 mm (IP 65)*
Evaporator air quantity	1100 m ³ /h; 1300 m ³ /h*
Condenser air quantity	1100 m ³ /h; 2100 m ³ /h*
Condenser side	min. 500 mm free space between condenser and wall (Air outlet)