

Data-Sheet

Peltier-Switch Cabinet Cooler XFL-416-AC

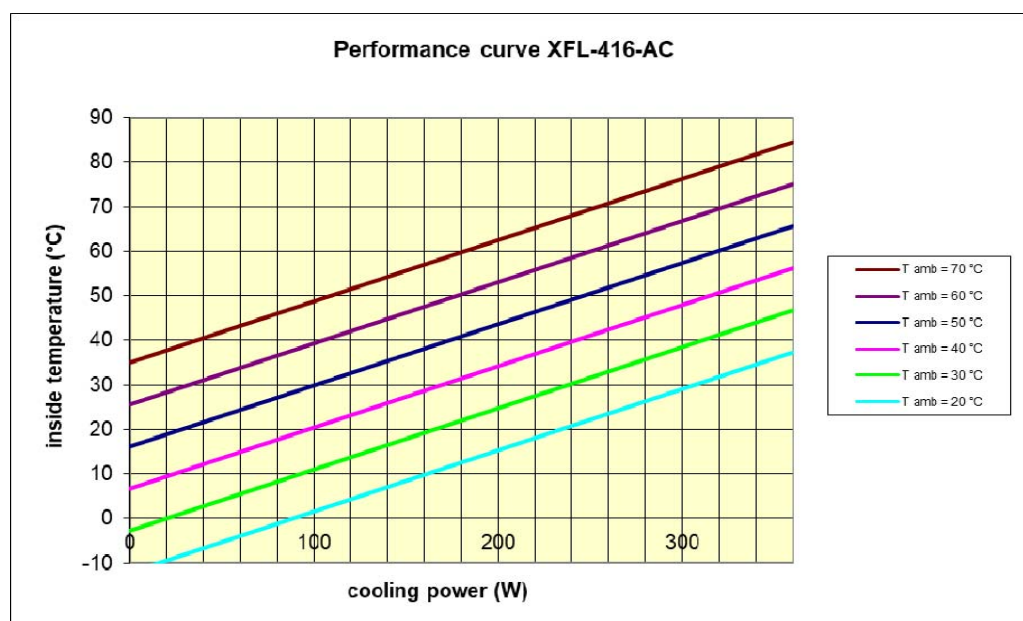


S-0002089-001-a

Technical Data:

Supply voltage	90-305 V-AC, 47-63 Hz or 127-431 V-DC
Rated power	200 W
Cooling power (L35/L35)	240 W
Heating power	Min. 200 W
Max. input current (AC)	1,05 A (at 230 VAC supply voltage)
Rated current (AC)	0,87 A (at 230 VAC supply voltage)
Max. input current (DC-part 24 V)	15 A
Rated current (DC-part 24 V)	8,5 A
Weight	ca. 12,5 kg
Protection rating	I
Protection classification outer side (warm)	IP67
Protection classification internal side (cold)	IP20
Operational temperature range	-40 °C .. 70 °C
Storage temperature range	-40 °C .. 70 °C
Alarm transductor	NO-contact, max. 250 V-AC (30 V-DC), 5 A
Switch point fault message	+80°C (+/- 5°C) Heatsink-temperature
Switch point safety shutdown	+90°C (+/- 5°C) Heatsink-temperature

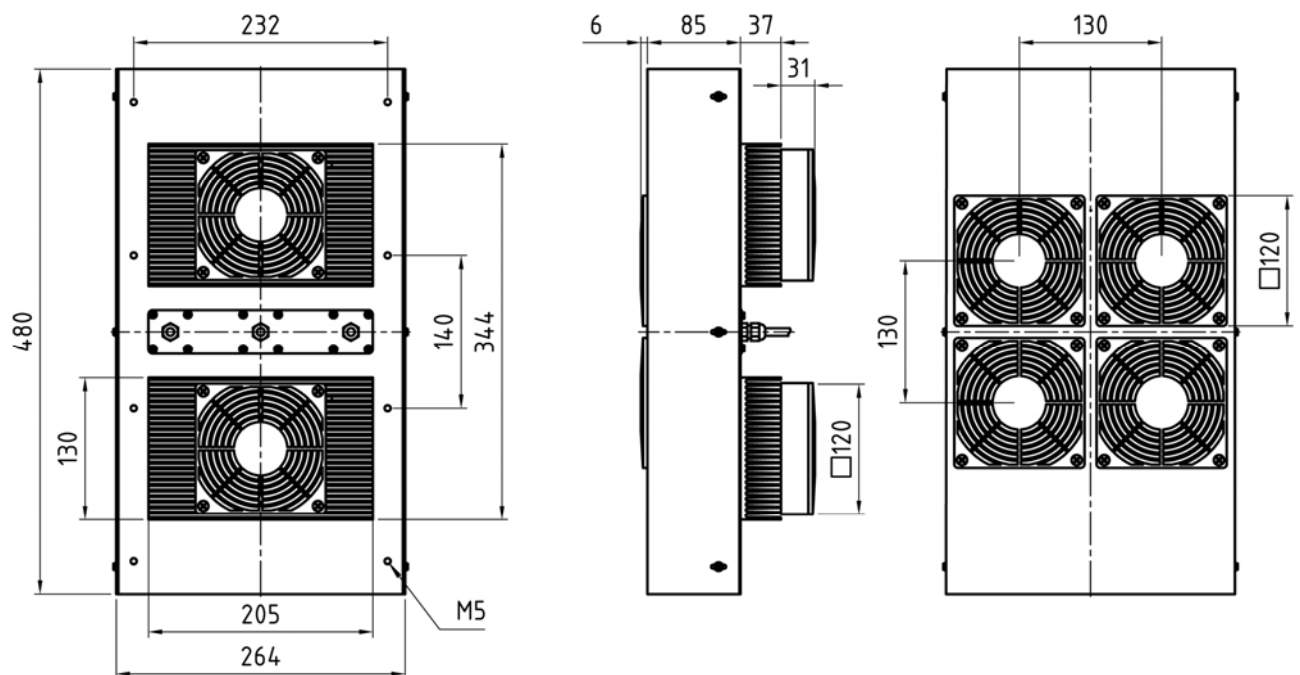
Performance range:



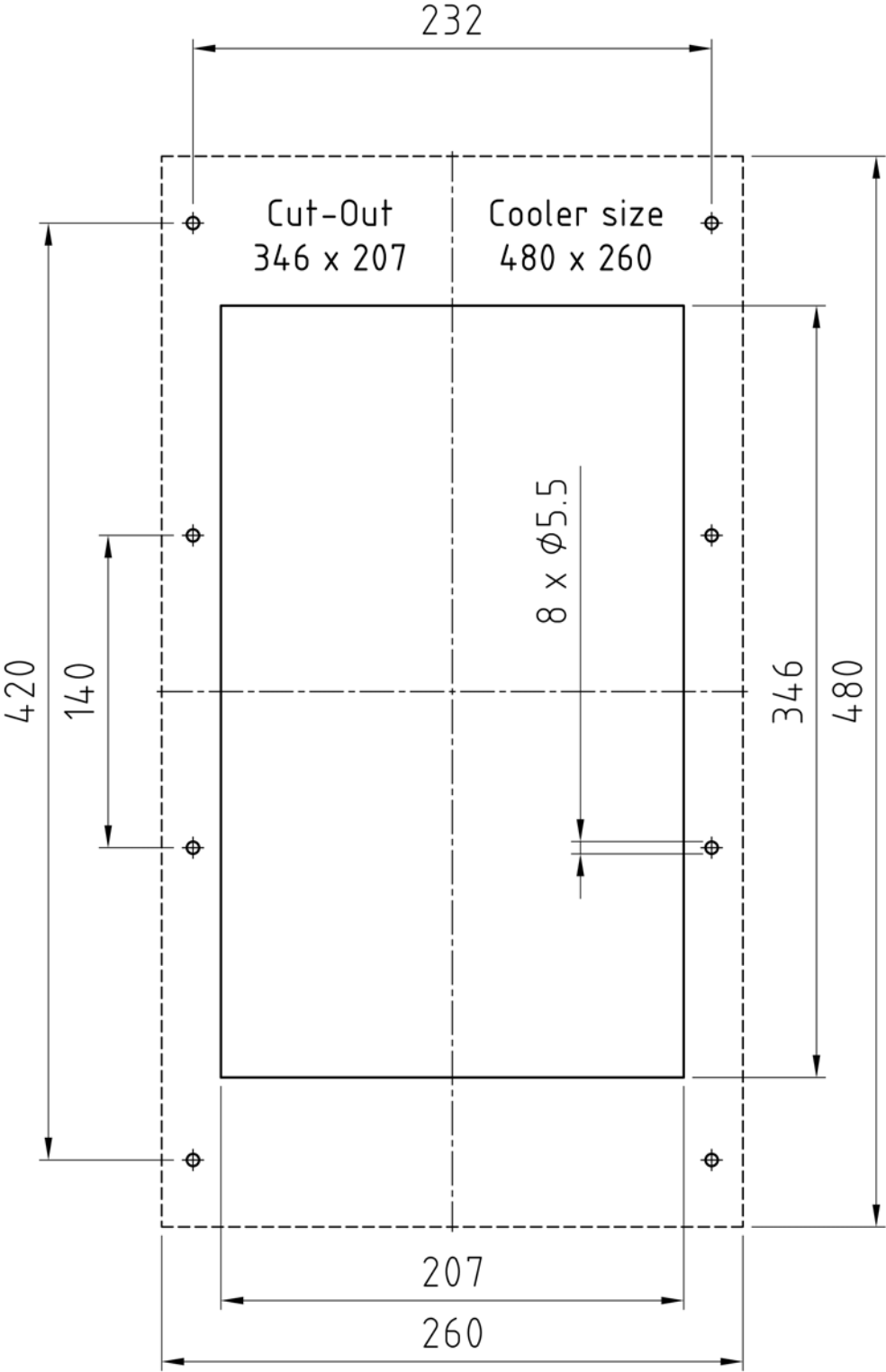
Terminal assignment:

Cable	Core colour	Connection
white	brown	L (phase)
white	blue	N (neutral)
white	yellow / green	G (earth)
black	blue	Alarm transductor
black	brown	Alarm transductor
grey	white	+ 24 V-DC
grey	yellow / green	0 V-DC
grey	brown	Peltier-modules (+)
grey	grey	Peltier-modules (-)
grey	blue	Fans (+)
grey	black	Fans (-)

Main dimensions:



Opening:





The product „DR. NEUMANN Switch-cabinet-cooler XFL-416-AC“ has been given the CE mark on the basis of the Directive 3014/30/EU of the Council of the European Community of 26 February 2014 for harmonization of legislation of member-states on communication systems including mutual recognition of their conformity.

This product has been designed for use with power packs bearing the CE mark.

The product „DR. NEUMANN Switch-cabinet-cooler XFL-416-AC“ meets the requirements for a CE mark:

Interference immunity to EN 61000-6-2/VDE 0839 Part 6-2

Electromagnetic compatibility; basic standard on interference immunity

Radio interference suppression to EN 55022 Class A

Electromagnetic compatibility of equipment for information processing and telecommunication

Electric safety to EN 60950

Safety of equipment of information engineering including electric office machines.

This product has been designed for use in industrial applications. Interference immunity and the rate of emitted interference are in conformity with the directives on industrial equipment. When the product is used in residential homes and business offices interference with other equipment items (e.g. radio receivers) might occur. The user shall ensure itself that no third party will be exposed to any interference.

This declaration is delivered in the responsibility of the manufacturer

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