PRODUCT DATA SHEET

Eberspächer Airtronic M2 D4L 12V &24V

12V - 25.2720 24V - 25.2729

TECHNICAL DATA

HEATER TYPE	Airtronic
HEATER	Airtronic M2
VERSION	D4L
HEATING MEDIUM	Air
FUEL	Diesel – standard commercially available (EN 590)

CONTROL OF THE HEAT FLOW			**HiGH**	**LOW**	**OFF**
HEAT FLOW (WATT)			4000	900	–
HOT AIR THROUGHPUT WITHOUT BACKPRESSURE (KG/H) WITH HOOD 90 MM			180	60	22
FUEL CONSUMPTION (L/H)			0.51	0.11	–
AVERAGE ELECTRICAL POWER CONSUMPTION (WATT)		during operation	42	6	5
		while starting	≤ 100		
CLOSED-CIRCUIT POWER CONSUMPTION			100 µA		
RATED VOLTAGE			12 volt or 24 volt		
OPERATING RANGE	**LOWER VOLTAGE LIMIT:**		approx. 10.5 volt or approx. 21.4 volt		
	UNDERVOLTAGE PROTECTION INSTALLED IN THE CONTROL BOX SWITCHES OFF THE HEATER ON REACHING THE VOLTAGE LIMIT.		Undervoltage protection response time: 20 seconds ±1		
	UPPER VOLTAGE LIMIT:		approx. 16 volt or approx. 32 volt		
	OVERVOLTAGE PROTECTION INSTALLED IN THE CONTROL BOX SWITCHES OFF THE HEATER ON REACHING THE VOLTAGE LIMIT.		Overvoltage protection response time: 20 seconds ±1		
AMBIENT TEMPERATURE	Heater	during operation	–40 °C to +70 °C		
		not in operation	–40 °C to +85 °C		
	Metering pump	during operation	–40 °C to +50 °C		
		not in operation	–40 °C to +125 °C		
HOT AIR INTAKE TEMPERATURE			max. +40 °C		
COMBUSTION AIR TEMPERATURE			max. +50 °C		
INTERFERENCE SUPPRESSION			Suppression class 5 to EN 55025		
DEGREE OF PROTECTION IN ACCORDANCE WITH ISO 20653		during operation	IP5k4k		
		not in operation	IP5k6k and IP5k9k		
WEIGHT			approx. 4.5 kg		
VENTILATION MODE			possible		

Provided no other values are given, the technical data provided is with the usual tolerances of ±10 % at rated voltage, 20 °C ambient temperature and reference altitude Esslingen.

Eberspächer

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