Technical Data Extension Module DFM300

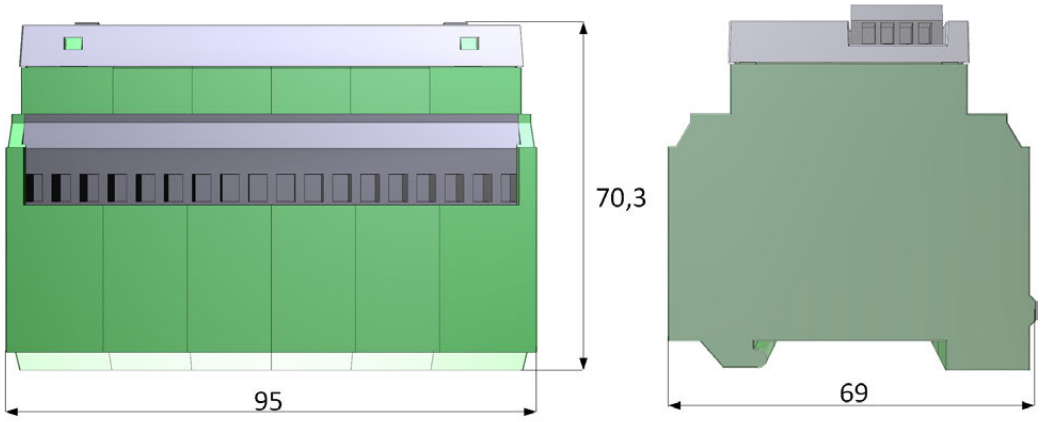

Fig. 1 Dimensions DFM300

General data	
Power supply	24 VDC
Power supply for 230/115 V in/outputs	230 V +10/-15 V, 47 ... 63 Hz 120 V +10/-15 V, 47 ... 63 Hz
Current consumption	140 mA
Housing	PVC or Polyamide 6.6 (panel: polycarbonate)
Dimensions (H x W x D)	69 x 95 x 70.3 mm | 2.72 x 3.74 x 2.77 "in
Weight	79 g | 0.17 lb
Flammability	UL-94 V0 (panel: UL-94 V2)
Mounting position	as desired
Installation	TS35 mounting rail as per EN 50022 or TS32 as per EN 50035
Connection cross section	2.5 mm^2 | 13 AWG

Operating conditions	
Altitude above sea level	
≤ 2000 m NHN	Without restriction
2000 m < z ≤ 5000 m NHN	Use possible with the following restrictions: – Reduction of the maximum ambient temperature according to the diagram "Temperature derating DFM300 for operation > 2000m NHN" – Power supply 120 VAC – Units for 230 VAC not approved for use > 2000 m

Environmental Conditions		
Operation	Climatic conditions	Class 3K5 according to DIN EN 60721-3
	Mechanic conditions	Class 3M5 according to DIN EN 60721-3
	Temperature range	-20 ... +60 °C | -4 ... +140 °F (condensation is prohibited)
Transport	Climatic conditions	Class 2K3 according to DIN EN 60721-3
	Mechanic conditions	Class 2M2 according to DIN EN 60721-3
	Temperature range	-20 ... +70 °C | -4 ... +158 °F (condensation is prohibited)
Storage	Climatic conditions	Class 1K3 according to DIN EN 60721-3
	Mechanic conditions	Class 1M2 according to DIN EN 60721-3
	Temperature range	-20 ... +70 °C | -4 ... +158 °F (condensation is prohibited)
Electronic safety	Degree of protection (DIN EN 60529)	IP40 housing IP20 terminals

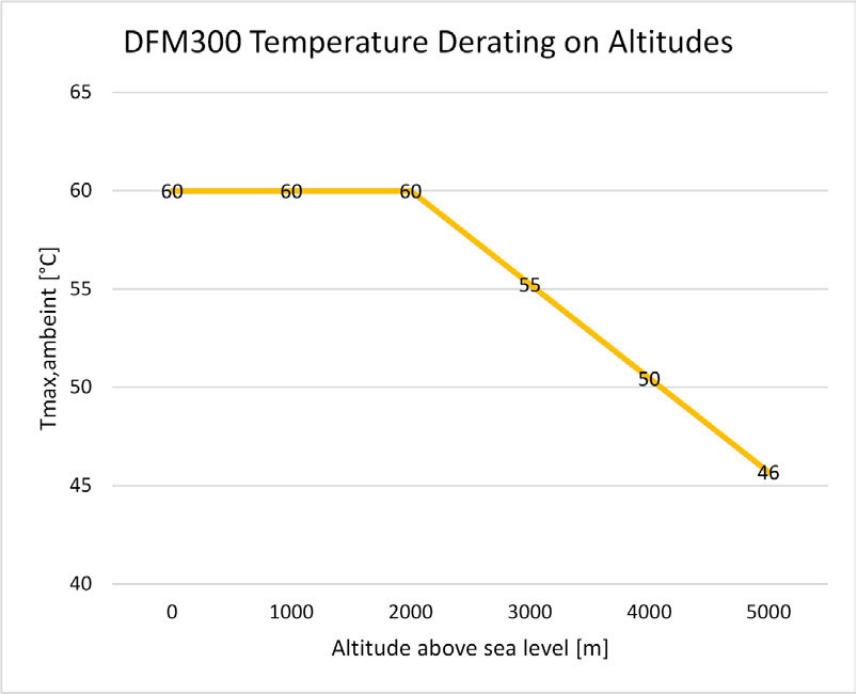

Fig. 2 Temperature derating DFM300 for operation > 2000 m NHN

NOTICE

The limits of the technical data must be strictly adhered to.