

Typ: BTF2-LM-0000



Art.-No.: SA140012

Features:

Room temperature sensor, surface-mounted, LM235Z

Application:

Temperature measurement in living spaces and office spaces. Assembly and wiring of the lower part can take place separately, surface-mounted or on a switch socket \varnothing 60 mm by means of socket screws.

Technical Data:

Dimensions of housing:	78 x 13,9 x 78,5 mm
Dimensions of packaging:	80 x 20 x 85 mm
Design:	Berlin 1000
Electrical connection:	Screw-type terminals 0,33 mm ² to 1,5 mm ² only at safety extra-low voltage max. 30VAC / 42VDC
Colour of housing:	pure white, like RAL 9010
Sensor:	PTC internal
Sensor wire extendable up to:	100 m
Sensor type:	LM 235 Z
Weight:	ca. 100
Storage temperature:	-20...+70 °C
Material of housing:	ABS plastic
max. measurement current:	

Installation/fastening:	Surface-/wall-mounting (4-hole assembly on flush-mounted socket)
Surface quality:	glossy
Degree of protection:	IP 30
Protection class:	III
Sensor characteristic curves:	The sensor characteristic curves can be found under Miscellaneous
Safety and EMC:	according to DIN EN 60730
Ambient temperature up to:	50
Ambient temperature from:	-10
Permissible atmospheric humidity:	max. 95% r.h., non-condensing

Circuit Diagram:

