

IBM...Ex

Mechanical fail-save protection temperature limiter for use in hazardous area.

- Compact design
- Very rugged
- Switching capacity 16A
- Resistant against aggressive environment
- Protection class IP65
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Description

The Ex- fail-save protection temperature limiter of the IBM-Series are mechanical 2-point capillary - temperature protection limiter. The black glass-fibre reinforced polyester enclosure is very rugged and serves as a connector for single core heating cables. The limiter of the IBM-Series have a high switching capacity of 16A. When exceeding the set temperature the limiter switches off. The restart lockout gives additional safety. Reset is only on-site possible.



Specification

IBM...Ex	0200	130190	50300
Temperature range (°C)	0..200	130..190	50..300
Rating Voltage (VAC)	250	250	250
Rating Current (A)	16	16	16
Switching difference (K)	ca. 10	ca.10	ca.12,5
max. sensor temperature (°C)	230	230	345
Protection class	IP65	IP65	IP65
Capillary tube length (mm)	1000	1000	1000
Sensor dimensions d*l (mm)	4,0/125	4,0/125	4,0/100
Dimensions l*b*h (mm)	122x120 x90	122x120 x90	122x120 x90
Glands M25	1x	1x	1x
Glands M20	1x	1x	1x
Cross section (mm ²)	4	4	4
Weight (kg)	1,2	1,2	1,2



Order information

Part number:

IBM0200Ex	(0°C..+200°C)
IBM130190Ex	(130°C..+190°C)
IBM50300Ex	(50°C..+300°C)

Other temperature ranges on request.

Marking

 II 2G EEx ed IIC T6
 II 2D IP65 T 60°C

Approval

PTB 03 ATEX 1187

Further information

Please consult the wiring instructions!

