

TECHNICAL DATASHEET

Gateway G23



PRODUCT FEATURES

Weight	13.68oz (388gr)
Weight for Ex version	59.96oz (1700gr)
Dimensions (length x width x height) [mm]	6.3" x 6.3" x 2.76" (160mm x 160mm x 70mm)
Mounting	Mounting brackets (up to 4)
Casing	Polycarbonate; Flameproof min. V-0
Protection class	IP66
Operating temperature / Humidity	-20°C to +85°C / 0-95% RH (non-condensing)
Ex Operating temperature / Humidity	-15°C to +60°C / 0-95% RH (non-condensing)

POWER SUPPLY

High voltage PSU (100-240 VAC)

Input voltage range	85-305 VDC / 100-430 VAC
Output power	15W

Low voltage PSU (24 VDC)

Input voltage range	16-36 VDC
Output current	Max. 3000 mA (36W)
Output voltage	12V

COMMUNICATION

Wireless Protocol	Secure Open Thread (IEEE 802.15.4) / LTE category 1
Broadcast Range	100m (line of sight)
Physical interfaces (ethernet, USB)	No
Distance between radio modules	30mm in diagonal

HAZARDOUS AREA RATING

Ex rating	Class I, Div 2, Group ABCD Ex eb mb IIC T4 Gb Class I Zone I AEx eb mb IIC T4 Gb
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