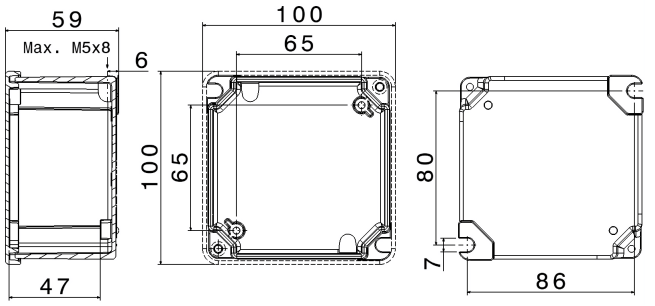
UNIBOX-EX ENCLOSURE IN ALUMINIUM UNI B9 100X100X59 EX CAT. 2G2D

SERIES UNIBOX-EX ENCLOSURE

CODE 520009EX





Datasheet

Electrical characteristics

Insulation Class	I
Rated insulation voltage	-
Rated operating voltage	-
Dissipable Power	10W

Atex characteristics

ATEX application zone	Zones 1-2-21-22
Dust Atex execution (Tmax1)	II 2D - Ex tb IIIC Db
Gas Atex execution (Tmax1)	II 2G - Ex eb IIC Gb

Mechanical characteristics

Manufacturing material	Aluminum alloy
Treatment type	Fluorozirconic passivation
Surface finishing	Painted black RAL 9005
Color	Black RAL 9005
Execution	Wall mounting
Height Box	54
Cover height	9.5
Cover type	Blind
N. of modules on DIN rail	-
Hole type	-
Window type	-
IP Protection degree	IP66
Additional IPdegree protection	IP66/IP67 - IEC 60670-1
Shock resistance	4J (IEC 60079-0)
Resistance to Glow wire	-
Flame rating according UL94	-
Corrosivity category	Equivalent to C4(M)/C3(H) (ISO 12944)
Working Environment Temp.	Min: -50°C ;Max: +90°C
Warehousing Temperature	Min: -50°C ;Max: +90°C
Dimensions	100X100X59 mm
Internal dimensions	88X88X44 mm
Net Weight	0.28 KG

Reference Standards and Directives

Certification and approval marks	IECEx, EX
Directives	2014/34/EU (ATEX)
Reference Standards	EN 60079-31:2014, EN 60079-7:2015, EN 60079-7:2015/A1:2018, EN 60670-1:2005, EN 60670-1:2005/A1:2013, EN 60670 -1:2005/AC:2007, EN 60670-1:2005/AC:2010, EN 60670-22:2006, EN IEC 60079-0:2018

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