

# ISGC-500H Ex

## ISG - Isolating spark gaps / Ex environment

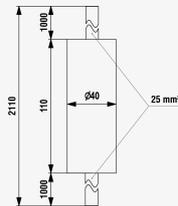
Isolation spark gap for Ex areas

connecting cables, stainless steel enclosure

- heavy duty encapsulated isolating spark gap for use in Hazardous (Ex) Areas II 2G Ex mb IIC T6 Gb and II 2D Ex mb IIIC T80 °C Db
- for indirect connection (earthing) of isolated conductive parts under lightning conditions
- for safe installation in Ex zone 1 (gas) or 21 (dust)



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Classification		class H - heavy duty
Isolation resistance		100.00 MΩ
Lightning impulse current	$I_{imp}$	100.00 kA
Rated impulse sparkover voltage	$U_{imp}$	1.50 kV
Rated power frequency withstand voltage	$U_{WAC}$	0.350 kV
Rated DC withstand voltage	$U_{WDC}$	0.500 kV
Degree of protection		IP 67
Range of ambient temperatures (min/max)		-40 / 50 °C
According to standard		EN 62561-3, EN 60079-0, EN 60079-18
Explosion-tested version		II 2G Ex mb IIC T6 Gb, II 2D Ex mb IIIC T80°C Db
ETIM Class		EC000510
Customs tariff number		85363090
EAN		8595090541202
Order number		A04120

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