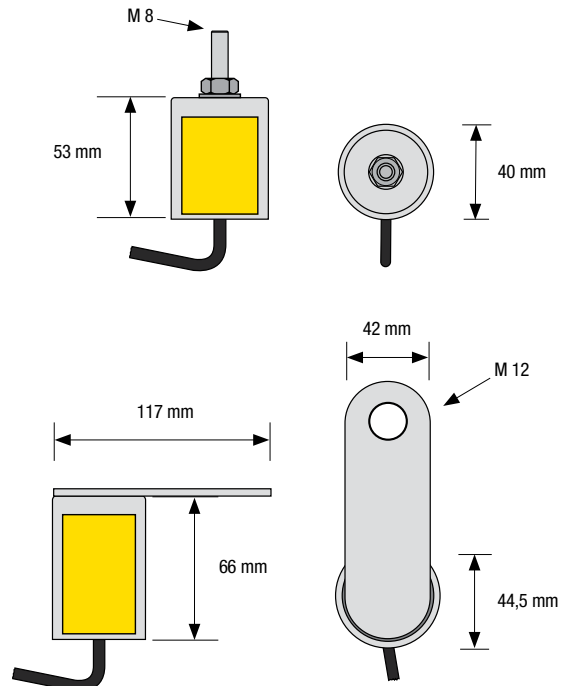




G 100/150 A

G 100/150 EX



Flanged isolating joint (air)

SPD type G 100/150 Ex

G 100/150 is an ISG for lightning equipotential bonding, comply with IEC 62305-1 (2010), for the protection of insulating flanges in gas and oil pipelines. It provides the following features and benefits:

- Monolithic (Ex) classified isolating;
- Available with differing cable length upon request.

Model G 100/150 ...

CODE	A		Ex	
	400 340		400 360	
Rated DC sparkover voltage	450 - 750 V dc			
EN 62561-3 Classification	H (Heavy Duty)		II 2G Ex mb IIC T6 Gb II 2D Ex mb IIIC 180 °C Db	
EC exame certificate	-			
Certification	-		FTZU 04 ATEX 0255X	
Rated power frequency at 50/60 Hz	U _{W AC}	255 V		
Maximum withstand voltage	U _{W DC}	350 V		
Lightning discharge current (10/350 μs)	I _{imp}	100 kA		
Charge	Q	50 As		
Nominal discharge current (8/20 μs)	I _n	75 kA		
Maximum Discharge Current (8/20 μs)	I _{max}	100 kA		
Rated impulse sparkover voltage (1,2/50 μs)	U _{r imp}	≤ 1400 V		
Protection level at limp	U _p	≤ 1 kV		
Isolation resistance at 100 V/dc	R _{isol}	> 1 GΩ		
Nominal discharge current	I _{eff}	2,9 kA, 100 ms		
Charge (50/60 Hz)	Q	350 As		
Capacity at 1 MHz	C	25 pF		
Degree of protection	IP	66	67	
Operating Temperature range		-40 ... +90 °C		-
Environment temperature class T for	class T6	-	-20 ... +30 °C	
	class T5	-	-20 ... +45 °C	
	classes T1-T4	-	-20 ... +80 °C	
Cross section of connecting wires		16 mm ² / 200 mm		
Case material		steel		
Approximate weight		330 g	550 g	
Terminals		cable lug M12/bolt M8	cable lug M12/connecting lug M12	
GTIN (EAN)		8054890321686	8054890321693	

TECHNICAL DATA