



Member of the FM Global Group

FM Approvals  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

### Shunt Diode Barrier Assemblies

**706, 708, 707, 707, 707, 787S, 787S, 787S, 758, 758, 758, 758.**

**706, 708, 707, 707, 707, 787S, 787S, 787S, 758, 758, 758, 758.**  
 AIS / I,II,III / 1 / ABCDEFG - SCI-167 / 3; SCI-168 / 2; Entity

Model	Terminal	Max Entity Parameters					
		$V_t$ (V)	$I_t$ (mA)	$V_{oc}$ (V)	$I_{sc}$ (mA)	$C_a$ ( $\mu F$ )	$L_a$ (mH)
705	3 to Gnd.	-	-	28.4	93.0	0.12	4.0
706	3 to Gnd.	-	-	28.1	93.0	0.12	4.0
708	3 to Gnd.	-	-	28.1	93.0	0.12	4.0
707	3 to Gnd.	-	-	28.1	93.0	0.12	4.0
707	4 to Gnd.	-	-	0.6	38.3	1000	22.0
707	3 & 4	28.7	93.0	-	-	0.11	4.0
787S	3 to Gnd.	-	-	28.5	93.0	0.11	4.0
787S	4 to Gnd.	-	-	1.2	0	1000	1000
787S	3 & 4	29.7	93.5	-	-	0.10	4.0
758	3 to Gnd.	-	-	8.1	742	6.0	0.05
758	4 to Gnd.	-	-	8.1	742	6.0	0.05
758	3 & 4 to Gnd	-	-	8.1	1480	6.0	0.02
758	3 & 4	8.7	1480	-	-	5.0	0.02



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### Equipment Ratings:

Associated apparatus with Intrinsically safe outputs for connection to Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; hazardous (Classified) locations.

### FM Approved for:

Measurement Technology Ltd  
Great Marlings, Butterfield, Luton, United Kingdom



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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	2011
Class 3610	2010
Class 3810	2005

Original Project ID: 2P0A4.AX

Approval Granted: June 15<sup>th</sup>, 1988

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3045568	June 26, 2013		

FM Approvals LLC

J.E. Marquedant  
Group Manager, Electrical

1 July 2013

Date