



IECEX Certificate of Conformity Annexe

Annexe for Certificate No.:	IECEX TSA 13.0004X	Issue No.:	0
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Conditions of Certification pertaining to Issue 0 of this Certificate:

- The following parameters shall be taken into account when connecting the ECD Earth Continuity Relay:

On all the non-i.s. connections of the Relay: $U_m = 132V$ rms max.

On the blue coloured terminals providing the output for the Pilot/Earth Line:

<i>When Pilot/Earth Line is considered intrinsically safe</i>	
U_o	28V
I_o	184mA
P_o	1.28W
C_o	2.0uF *
L_o	10.0mH *
* The load can have the above C_o as a lumped value provided the L_o is < 1%, or it can have the above L_o as a lumped value provided the C_o is < 1%. Optionally, the load can have the full value of C_o and L_o if distributed as in a cable	
<i>When Pilot/Earth Line is not considered intrinsically safe</i>	
I_m	5.25A for 1 s

- The I.S. output is galvanically connected to the system earth. This shall be taken into consideration during installation.
- A copy of the drawing ECDM003 must be provided to the user.

Drawing list pertaining to Issue 0 of this Certificate:

Drawing/Document Number:	Page/s:	Title:	Revision Level:	Date: (yyyy-mm-dd)
ECDA001	1	ECD Relay Earth Continuity G.A. – Certification	0	-
ECDB002	1	ECD (<i>Bill of Material</i>)	1	2013-06-11
ECDE002	1	ECD IS Board (<i>Schematics</i>)	1	2013-06-11
ECDM003	1	ECD Label Contents and typical system diagram	1	2013-05-30
ECDP002	4	ECD IS Board (<i>PCB Layouts</i>)	1	2013-05-01

Certificate issued by:

	<p>TestSafe Australia 919 Londonderry Road Londonderry NSW 2753 Australia</p>
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