

Electrical Equipment for Explosive Atmospheres

Certificate of Type Verification

Applicant	Wan Jiun Technology Co., Ltd.												
Applicant address	11F., No.896, Jingguo Rd. Luzhu Dist., Taoyuan City Taiwan	TEL	+886-3-316-1585										
Manufacturer	1. R. STAHL Schaltgeräte GmbH 2. R. STAHL PRIVATE LIMITED												
Manufacturer address	1. Am Bahnhof 30 74638 Waldenburg Germany 2. Plot No. 5 Malrosapuram Main Road Sengundram Industrial Area Singaperumal Koil Chengalpattu District Tamil Nadu – 603204 India	TEL											
Name of product Type	Terminal Box 8150/1, 8150/2												
Ex marking	8150/1 : Ex db eb ia mb IIC, IIB, IIA T6, T5, T4, T3 Gb Ex tb IIIC T80°C, T95°C, T130°C, T135°C Db 8150/2 : Ex ia IIC T6, T5, T4, T3 Gb Ex tb IIIC T80°C, T95°C, T130°C, T135°C Db												
Certificate No.	工電(2013)第 00411X 號												
Date of first Issue	September 11, 2013												
Date of renewal	September 12, 2025												
Valid period	September 11, 2025 to September 10, 2028												
Standards:	IEC 60079-0 : 2017 ; IEC 60079-1 : 2014 ; IEC 60079-7 : 2017 ; IEC 60079-11 : 2011 ; IEC 60079-18 : 2017 ; IEC 60079-31 : 2013												
Ratings:	Maximum rated voltage 1100 V AC/DC, maximum rated current 630 A, IP66.												
Ambient temperature:	-60°C~+135°C (Depends on the gasket).												
Main components:	Enclosure (stainless steel), gasket, terminal.												
Type variants:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Type</td> <td>8150/b-c-d-e-fghi</td> </tr> <tr> <td>b</td> <td>Design 1= terminal box Ex e 2= terminal box Ex i</td> </tr> <tr> <td>c</td> <td>Enclosure size, width(mm) 0100 to 1200</td> </tr> <tr> <td>d</td> <td>Enclosure size, height(mm) 0100 to 2200</td> </tr> <tr> <td>e</td> <td>Enclosure size, depth(mm) 060 to 900</td> </tr> </table>			Type	8150/b-c-d-e-fghi	b	Design 1= terminal box Ex e 2= terminal box Ex i	c	Enclosure size, width(mm) 0100 to 1200	d	Enclosure size, height(mm) 0100 to 2200	e	Enclosure size, depth(mm) 060 to 900
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Certificate issued by

Industrial Technology Research Institute
195 Sec. 4, Chung Hsing Rd., Chutung, Hsinchu, 310401, Taiwan



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	Type	8150/b-c-d-e-fghi														
	f	Material 1= 1.0330 (wall thickness 1.5...2 mm) 2= 1.4301, 304, 304 S17 (wall thickness ≤ 2 mm) 3= 1.4404, 316L, 316 S11 or 1.4571 316 Ti, 320 S18 (wall thickness ≤ 2 mm) 4= 1.0330 (wall thickness ≤ 3 mm) 5= 1.4301, 304, 304 S17 (wall thickness ≤ 3 mm) 6= 1.4404, 316L, 316 S11 or 1.4571, 316 Ti, 320 S18 (wall thickness ≤ 3 mm)														
	g	Surface 1= Powder coated 2= Sanded, with grain 240 3= Electro polished														
	h	Design of cover 1= Screwed cover 2= with hinge and cam lock (rotary latches) 3= with hinge and screws 4= with continues hinge and cam lock (rotary latches) 5= with hinge and cam lock (rotary latches) – two door version														
	i	Ambient temperature range acc. to gaskets 1= from -60 °C to 135 °C (Gasket 1 – D0067) 2= from -55 °C to 85 °C (Gasket 2 – D0068) 3= from -25 °C to 76 °C (Gasket 3 – D0069)														
Specific conditions of use:	The assessment for cable entry devices is not included. For safe use, certified cable entry devices with proper type of protections shall be correctly fitted to maintain the integrity of specified protections.															
Approval reference:	The assessment of the above equipment is based on the review of IECEx Certificate of Conformity (IECEx PTB 09.0048 Issue No: 3) issued by Physikalisch-Technische Bundesanstalt (PTB), Germany and the associate test reports (DE/PTB/EXTR09.0055/03).															
Certificate history:	<table border="0"> <tr> <td>Issue 1 (C655RU3100-41)</td> <td>(2013-09-11)</td> </tr> <tr> <td>Issue 2 (A1040054)</td> <td>(2015-08-13)</td> </tr> <tr> <td>Issue 3 (B201600524)</td> <td>(2016-11-01)</td> </tr> <tr> <td>Issue 4 (B201900269)</td> <td>(2019-09-09)</td> </tr> <tr> <td>Issue 5 (B202200482)</td> <td>(2022-10-27)</td> </tr> <tr> <td>Issue 6 (A1130089)</td> <td>(2025-01-13)</td> </tr> <tr> <td>Issue 7 (B202500355)</td> <td>(2025-09-12)</td> </tr> </table>		Issue 1 (C655RU3100-41)	(2013-09-11)	Issue 2 (A1040054)	(2015-08-13)	Issue 3 (B201600524)	(2016-11-01)	Issue 4 (B201900269)	(2019-09-09)	Issue 5 (B202200482)	(2022-10-27)	Issue 6 (A1130089)	(2025-01-13)	Issue 7 (B202500355)	(2025-09-12)
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