

# Electrical Equipment for Explosive Atmospheres

## Certificate of Type Verification

<b>Applicant</b>	Wan Jiun Technology Co., Ltd.														
<b>Applicant address</b>	11F., No.896, Jingguo Rd.	TEL	+886-3-3161585												
	Luzhu Dist., Taoyuan City Taiwan														
<b>Manufacturer</b>	R. STAHL Schaltgeräte GmbH														
<b>Manufacturer address</b>	Am Bahnhof 30	TEL	+49(0)7942/ 943-4162												
	74638 Waldenburg Germany														
<b>Name of product Type</b>	Terminal Box 8150/1, 8150/2														
<b>Ex marking</b>	8150/1 : Ex db eb ia mb IIC, IIB, IIA T6, T5, T4, T3 Gb Ex tb IIC T80 °C, T95 °C, T130 °C, T135 °C Db 8150/2 : Ex ia IIC T6, T5, T4, T3 Gb Ex tb IIC T80 °C, T95 °C, T130 °C, T135 °C Db														
<b>Certificate No.</b>	(ITRI)2013 07-00411X														
<b>Date of first issue</b>	September 11, 2013														
<b>Date of Renewal</b>	October 27, 2022														
<b>Valid period</b>	September 11, 2022 to September 10, 2025														
<b>Standards:</b>	IEC 60079-0 : 2017 ; IEC 60079-1 : 2014 ; IEC 60079-7 : 2017 ; IEC 60079-11 : 2011 ; IEC 60079-18 : 2017 ; IEC 60079-31 : 2013														
<b>Ratings:</b>	1100 V AC/DC, 630 A, IP66														
<b>Ambient temperature:</b>	-60°C ~ +135°C (Depends on the gasket).														
<b>Main components:</b>	Enclosure, gasket, terminal.														
<b>Type variants:</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Type</th> <th>8150/b-c-d-e-fghi</th> </tr> </thead> <tbody> <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> <tr> <td>f</td> <td>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 (wall thickness ≤ 3 mm)</td> </tr> </tbody> </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	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 (wall thickness ≤ 3 mm)
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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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Certificate No.: (ITRI)2013-07-00411X

<b>Applicant</b>	Wan Jiun Technology Co., Ltd.	
	<b>Type</b>	8150/b-c-d-e-fghi
	<b>g</b>	Surface 1= Powder coated 2= Sanded, with grain 240 3= Electro polished
	<b>h</b>	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
	<b>i</b>	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)
<b>Specific conditions of use:</b>	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.	
<b>Approval reference:</b>	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).	
<b>Certificate history:</b>	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)

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