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	+886-3-3161585
Manufacturer	R. STAHL Schaltgeräte GmbH		
Manufacturer address	Am Bahnhof 30 74638 Waldenburg Germany	TEL	+49(0)7942/ 943-4162
Name of product **Type**	Control and distribution box 8150/5		
Ex marking	Ex db eb ia [ia Ga] ib [ib] mb q IIC, IIB, IIA, T6, T5, T4, T3 Gb Ex [ia Da] [ib] tb IIIC T80˚C, T95˚C, T130˚C, T135˚C Db		
Certificate No.	(ITRI)2013 07-00409X		
Date of first issue	September 11, 2013		
Date of Renewal	October 27, 2022		
Valid period	September 11, 2022 to September 10, 2025		

Standards: IEC 60079-0 : 2017 ; IEC 60079-1 : 2014 ; IEC 60079-5 : 2015 ;
IEC 60079-7 : 2017 ; IEC 60079-11 : 2011 ; IEC 60079-18 : 2017 ;
IEC 60079-31 : 2013

Ratings: 1100 V AC/DC, 630 A, IP66

Ambient temperature: -60˚C～+135˚C (Depends on the gasket).

Main components: Enclosure, gasket, control button, LED Indicating lamp, switch, ammeter, voltmeter.

Type variants:

Type	8150/5-c-d-e-fghi
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, 320 S18 (wall thickness ≤ 3 mm)
g	Surface 1= Powder coated 2= Sanded, with grain 240 3= Electro polished

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195 Sec. 4, Chung Hsing Rd., Chutung, Hsinchu, 310401, Taiwan

INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE 財團法人 工業技術研究院 ITRI Industrial Technology Research Institute REPUBLIC OF CHINA

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Applicant	Wan Jiun Technology Co., Ltd.

Type	8150/5-c-d-e-fghi
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)

Type	8150/5-V37-ab-cd-efgh-i	
a	Number of poles 3= 3-pol. 4= 3-pol.+ N 6= 6-pol.	
b	Current 00=10 A 01=12/16 A 02=16 A 03=20 A 04=25 A 05=40 A	06=63/80 A 07=80 A 08=125/160 A 09=160 A 10=180 A
c	Aux. contact (NO) 0= without 1= 1 NO 2= 2 NO 3= 3 NO	4= 4 NO 5= 1 NO(lagging) 6= 2 NO(1x lagging) 7= 3 NO(1x lagging)
d	Aux. contact (NC) 0= without 1= 1 NC 2= 2 NC	3= 3 NC 4= 4 NC
e	Handle 0= standard black 1= yellow collar, red handle 2= black collar, red handle	
f	Terminal 0= standard(without) 1= with N-terminal 2= with PTC terminal 3= with N-terminal and PTC terminal 5= main contact on terminal 6= aux. contact on terminal 7= mail contact and aux. contact on terminal	

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Applicant	Wan Jiun Technology Co., Ltd.

Type	8150/5-V37-ab-cd-efgh-i
g	Glands 0= closed 1= standard 8161 2= standard 8290 3= only bore holes 4= brass plate only bore holes 5= brass plate with 8161 6= cable entry flange 7= brass plate with 8290 E= brass plate with EMSKE EMV
h	Aux. operation 0= without
i	design K= Compact design

Type	8150/5-b
b	design V75= Grounding monitoring device

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 09.0049 Issue No: 5) issued by Physikalisch-Technische Bundesanstalt (PTB), Germany and the associate test reports (DE/PTB/ExTR09.0056/05).

Certificate history:

Issue 1 (C655RU3100-22)	(2013-09-11)
Issue 2 (A1050010)	(2016-09-10)
Issue 3 (A201600523)	(2016-10-31)
Issue 4 (A1080031/B201900275)	(2019-08-13)
Issue 5 (B202200483)	(2022-10-27)

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