

# 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. Luzhu Dist., Taoyuan City Taiwan	TEL	+886-3-3161585										
<b>Manufacturer</b>	R. STAHL Schaltgeräte GmbH												
<b>Manufacturer address</b>	Am Bahnhof 30 74638 Waldenburg Germany	TEL	+49(0)7942/ 943-4162										
<b>Name of product Type</b>	Plug-and-socket device 8581 series												
<b>Ex marking</b>	Ex d e IIC T6, T5 Gb Ex d e [ib] IIC T6, T5 Gb Ex tD A21 IP66 T80°C, T95°C												
<b>Certificate No.</b>	(ITRI)2013 07-00408X												
<b>Date of first issue</b>	September 11, 2013												
<b>Date of Renewal</b>	March 29, 2023												
<b>Valid period</b>	September 11, 2022 to September 10, 2025												
<b>Standards:</b>	CNS 3376-0 : 2014; CNS 3376-1 : 2008; CNS 3376-7 : 2008; CNS 15591-0 : 2012; CNS 15591-1 : 2012.												
<b>Ratings:</b>	690 Vac, 125 A.												
<b>Ambient temperature:</b>	-45°C ~ +40°C (T6); -45°C ~ +55°C (T5).												
<b>Main components:</b>	Socket cover, socket enclosure, switch, handle, plug.												
<b>Type variants:</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Type</th> <th style="width: 85%;">8581/ab-cde-f</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>Type 3=standard with 8549 1=standard with 8548</td> </tr> <tr> <td>b</td> <td>Type of construction 1=switch socket 2=plug</td> </tr> <tr> <td>c</td> <td>Number of poles 4=3P+PE 5=3P+N+PE</td> </tr> <tr> <td>d, e, f</td> <td>Numerals or letters without influence to explosion protection</td> </tr> </tbody> </table>			Type	8581/ab-cde-f	a	Type 3=standard with 8549 1=standard with 8548	b	Type of construction 1=switch socket 2=plug	c	Number of poles 4=3P+PE 5=3P+N+PE	d, e, f	Numerals or letters without influence to explosion protection
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<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 06.0034 Issue No: 2) issued by Physikalisch-Technische Bundesanstalt (PTB), Germany and the associate test reports (DE/PTB/ExTR10.0078/00).												

Certificate issued by

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



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<b>Applicant</b>	Wan Jiun Technology Co., Ltd.	
<b>Certificate history:</b>	Issue 1 (C655RU3100-20)	(2013-09-11)
	Issue 2 (A201600615)	(2016-12-08)
	Issue 3 (B201900272)	(2019-09-09)
	Issue 4 (B202200486)	(2023-03-29))

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