

Electrical Equipment for Explosive Atmospheres

Certificate of Type Verification

Applicant	Wan Jiun Technology Co., Ltd.												
Applicant address	IIF., No.896, Jingguo Rd. Luzhu Dist., Taoyuan City Taiwan	TEL	+886-3-316-1585										
Manufacturer	R. STAHL Schaltgeräte GmbH												
Manufacturer address	Am Bahnhof 30 74638 Waldenburg Germany	TEL											
Name of product Type	Plug-and-socket device 8581 series												
Ex marking	Ex d e IIC T6, T5 Gb Ex d e [ib] IIC T6, T5 Gb Ex tD A21 IP66 T80°C, T95°C												
Certificate No.	工電(2013)第 00408X 號												
Date of first Issue	September 11, 2013												
Date of renewal	September 15, 2025												
Valid period	September 11, 2025 to September 10, 2028												
Standards:	CNS 3376-0 : 2014; CNS 3376-1 : 2008; CNS 3376-7 : 2008; CNS 15591-0 : 2012; CNS 15591-1 : 2012												
Ratings:	Maximum rating voltage : 690 V AC. Maximum rating current : 125 A.												
Ambient temperature:	-45°C~+40°C (T6); -45°C~+55°C (T5).												
Main components:	Socket cover(plastic), socket enclosure(plastic), switch, handle, plug.												
Type variants:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">Type</td> <td>8581/ab-cde-f</td> </tr> <tr> <td style="text-align: center;">a</td> <td>Type 3=standard with 8549 1=standard with 8548</td> </tr> <tr> <td style="text-align: center;">b</td> <td>Type of construction 1=switch socket 2=plug</td> </tr> <tr> <td style="text-align: center;">c</td> <td>Number of poles 4=3P+PE 5=3P+N+PE</td> </tr> <tr> <td style="text-align: center;">d, e, f</td> <td>Numerals or letters without influence to explosion protection</td> </tr> </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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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 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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Applicant	Wan Jiun Technology Co., Ltd.	
Certificate history:	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)
	Issue 5 (B202500360)	(2025-09-15)

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