

# 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>	Control panel 8264/5																		
<b>Ex marking</b>	Ex db .. II.. T.. Gb Ex tb IIIC T.. C Db See annex																		
<b>Certificate No.</b>	(ITRI)2017 07-00087X																		
<b>Date of first issue</b>	April 19, 2017																		
<b>Date of Renewal</b>	September 18, 2023																		
<b>Valid period</b>	April 19, 2023 to April 18, 2026																		
<b>Standards:</b>	CNS 3376-0 : 2014 ; IEC 60079-1 : 2014 ; IEC 60079-7 : 2015 ; IEC 60079-11 : 2011 ; IEC 60079-18 : 2014 ; IEC 60079-31 : 2013																		
<b>Ratings:</b>	Maximum rated voltage : 11 KV Maximum rated current : 1250 A																		
<b>Ambient temperature:</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Enclosures in type of protection Ex d IIB+H<sub>2</sub> Gb</td> <td style="width: 30%;">-20°C~+60°C</td> </tr> <tr> <td>Enclosures in type of protection Ex d IIB Gb</td> <td>-60°C~+60°C</td> </tr> <tr> <td>Enclosures in type of protection Ex d IIB Gb with windows cemented with (D0083)</td> <td>-40°C~+60°C</td> </tr> <tr> <td>Enclosures in type of protection Ex d IIB Gb with windows cemented with (D0143)</td> <td>-60°C~+60°C</td> </tr> <tr> <td>Enclosures in type of protection Ex tb IIIC Db</td> <td>-60°C~+60°C</td> </tr> </table>			Enclosures in type of protection Ex d IIB+H <sub>2</sub> Gb	-20°C~+60°C	Enclosures in type of protection Ex d IIB Gb	-60°C~+60°C	Enclosures in type of protection Ex d IIB Gb with windows cemented with (D0083)	-40°C~+60°C	Enclosures in type of protection Ex d IIB Gb with windows cemented with (D0143)	-60°C~+60°C	Enclosures in type of protection Ex tb IIIC Db	-60°C~+60°C						
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<b>Main components:</b>	Enclosure, electrical apparatus.																		
<b>Type variants:</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">Type</td> <td>8265/5abc-defg</td> </tr> <tr> <td rowspan="5" style="text-align: center; vertical-align: middle;">a</td> <td>Enclosure size-length [mm]</td> </tr> <tr> <td>0=combination</td> </tr> <tr> <td>1=235</td> </tr> <tr> <td>2=360</td> </tr> <tr> <td>3=480</td> </tr> <tr> <td>9=730</td> </tr> <tr> <td rowspan="5" style="text-align: center; vertical-align: middle;">b</td> <td>Enclosure size-width [mm]</td> </tr> <tr> <td>0=combination</td> </tr> <tr> <td>1=235</td> </tr> <tr> <td>2=360</td> </tr> <tr> <td>3=480</td> </tr> <tr> <td>9=730</td> </tr> </table>			Type	8265/5abc-defg	a	Enclosure size-length [mm]	0=combination	1=235	2=360	3=480	9=730	b	Enclosure size-width [mm]	0=combination	1=235	2=360	3=480	9=730
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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)2017 07-00087X

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	<b>Type</b>	8265/5abc-defg										
	<b>c</b>	Enclosure size- height [mm] 0=combination 2=270 (stainless steel) 3=340 (stainless steel) 4=260 (aluminum, casted, sheet cover) 5=330 (aluminum, casted, sheet cover) 6=465 (Welded) 7=570 (Welded) 8=480 (Welded, retaining / captive screws) 9=585 (Welded, retaining / captive screws)										
	<b>d</b>	Enclosure material 2= stainless steel 3= aluminum										
	<b>e, f, g</b>	Additional variations filled in, if required not affecting certification.										
<b>Specific conditions of use:</b>	<p>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.</p> <p>The flame path length is more than required by IEC 60079-1. Contact the manufacturer for information on the dimensions of the flameproof joints.</p> <p>The property classes of the screws are A4-70 for M10 and A4-80 for M12 and M14.</p>											
<b>Approval reference:</b>	<p>The assessment of the above equipment is based on the review of IECEx Certificate of Conformity (IECEx KEM 07.0051X Issue No: 3) issued by DEKRA Certification B.V. (DEKRA KEMA), Netherland and the associate test reports (NL/KEM/ExTR 07.0049/00, NL/KEM/ExTR 07.0049/01, NL/KEM/ExTR 07.0049/02).</p>											
<b>Annex:</b>	<p>The following marking can be used according to the type of protection required for installed equipment and components to flameproof enclosure:</p> <p>(1) Protection level: db, eb ia, ib, [ia Gb], mb, q</p> <p>(2) Subdivision for Group II: IIB or IIB+H<sub>2</sub></p> <p>(3) Temperature class: T6, T5 or T4</p> <p>(4) Maximum surface temperature: T80°C, T95°C, T130°C</p> <p>If batteries are built within the enclosure, these must comply with the applicable clauses of IEC 60079-1: 2014, Annex E.</p> <p>If equipment with optical radiation is built within the enclosure, this equipment must comply with the applicable clauses of IEC 60079-28: 2014.</p>											
<b>Certificate history:</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Issue 1 (A201700091)</td> <td style="width: 50%; text-align: right;">(2017-04-19)</td> </tr> <tr> <td>Issue 2 (A1060068)</td> <td style="text-align: right;">(2017-05-09)</td> </tr> <tr> <td>Issue 3 (A1080017)</td> <td style="text-align: right;">(2019-04-09)</td> </tr> <tr> <td>Issue 4 (B202000108)</td> <td style="text-align: right;">(2020-04-10)</td> </tr> <tr> <td>Issue 5 (B202300258)</td> <td style="text-align: right;">(2023-09-18)</td> </tr> </table>		Issue 1 (A201700091)	(2017-04-19)	Issue 2 (A1060068)	(2017-05-09)	Issue 3 (A1080017)	(2019-04-09)	Issue 4 (B202000108)	(2020-04-10)	Issue 5 (B202300258)	(2023-09-18)
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