

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 signal device 8040 series										
Ex marking	Ex db eb ia ib mb IIA, IIB, IIC, T6, T5 Gb Ex tb IIIC T80 °C, T95 °C Db										
Certificate No.	(ITRI)2012 07-00091X										
Date of first issue	May 5, 2012										
Date of Renewal	May 10, 2021										
Valid period	May 5, 2021 to May 4, 2024										
Standards:	IEC 60079-0 : 2017 ; IEC 60079-1 : 2014 ; IEC 60079-7 : 2017 ; IEC 60079-11 : 2011 ; IEC 60079-18 : 2017 ; IEC 60079-31 : 2013										
Ratings:	Maximum rating voltage : 690 V Maximum rating current : 6...16 A										
Ambient temperature:	-60 °C ~ +74 °C										
Main components:	Enclosure, gasket, cable gland, push button (8082), indicating lamp (8010), control switch (8008/2), ammeter (8405/2, 8405/6), control unit (8208).										
Type variants:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Type</th> <th>8040/abcde-f</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">a</td> <td>Enclosure height 1 = 72 mm (low cover) 2 = 95 mm (high cover) 3 = combination of height 1 and 2</td> </tr> <tr> <td style="text-align: center;">b</td> <td>Enclosure size 1 = 1-way 2 = 2-way 3 = 3-way 4 = combination of sizes</td> </tr> <tr> <td style="text-align: center;">c</td> <td>Cable gland 8161/7-.LT 1 = (n/n) 3 = M20×1.5 (side C: 1× and side D: 1×) 4 = M25×1.5 (side C: 1× and side D: 1×) 6 = M20×1.5 (side D: 2×- with flange, only) 7 = M20×1.5 (side D: 1×) 8 = M25×1.5 (side D: 1×) 9 = all other (according to customer order)</td> </tr> </tbody> </table>			Type	8040/abcde-f	a	Enclosure height 1 = 72 mm (low cover) 2 = 95 mm (high cover) 3 = combination of height 1 and 2	b	Enclosure size 1 = 1-way 2 = 2-way 3 = 3-way 4 = combination of sizes	c	Cable gland 8161/7-.LT 1 = (n/n) 3 = M20×1.5 (side C: 1× and side D: 1×) 4 = M25×1.5 (side C: 1× and side D: 1×) 6 = M20×1.5 (side D: 2×- with flange, only) 7 = M20×1.5 (side D: 1×) 8 = M25×1.5 (side D: 1×) 9 = all other (according to customer order)
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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)2012 07-00091X

Applicant	Wan Jiun Technology Co., Ltd.										
	Type	8040/abcde-f									
	d	Flange 0 = without flange 1 = moulded flange (side D) 2 = metal flange(side D) 3 = moulded flange (side C) 4 = metal flange(side C) 5 = moulded flange (side C and D) 6 = metal flange(side C and D) 7 = metal plate (side C: with PE connection inside) 8 = metal plate (side D: with PE connection inside) 9 = metal plate (side C and D: with PE connection inside)									
	e	Additional information X = without(according to type code) Z = with information(according to customer order)									
	f	Further information of built in components and actuators (not ex-relevant).									
	Type	8040/ab-V30-c-d									
	a	Enclosure height 1 = 72 mm (low cover) 2 = 95 mm (high cover) 3 = combination of height 1 and 2									
	b	Enclosure size 1 = 1-way 2 = 2-way 3 = 3-way									
	c	Assembly plan 033 = 2-pole on/off switch 035 = change over switch									
	d	Further information of built in components and actuators (not ex-relevant).									
Specific conditions of use:	<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 control panel with a coating of polyester powder must not be used in areas affected by charge-producing processes, mechanical friction and separation processes, electron emission (e.g. in the vicinity of electrostatic coating equipment), and pneumatically conveyed dust.</p>										
Approval reference:	<p>The assessment of the above equipment is based on the review of IECEx Certificate of Conformity (IECEx PTB 06.0025 Issue No: 3) issued by Physikalisch-Technische Bundesanstalt (PTB), Germany and the associate test reports (DE/PTB/ExTR06.0045/03).</p>										
Certificate history:	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Issue 1 (A201500238)</td> <td style="width: 50%; text-align: right;">(2015-06-02)</td> </tr> <tr> <td>Issue 2 (A201800111)</td> <td style="text-align: right;">(2018-04-26)</td> </tr> <tr> <td>Issue 3 (B202100139)</td> <td style="text-align: right;">(2021-05-10)</td> </tr> <tr> <td>Issue 4 (B202300019)</td> <td style="text-align: right;">(2023-07-05)</td> </tr> </table>			Issue 1 (A201500238)	(2015-06-02)	Issue 2 (A201800111)	(2018-04-26)	Issue 3 (B202100139)	(2021-05-10)	Issue 4 (B202300019)	(2023-07-05)
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