

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	Plug 8571 series								
Ex marking	Ex eb IIC T6... T5 Gb Ex tb IIIC T81°C Db								
Certificate No.	(ITRI)2023 07-00082X								
Date of first issue	June 05, 2023								
Date of Renewal									
Valid period	June 05, 2023 to June 04, 2026								
Standards:	IEC 60079-0 : 2017 ; IEC 60079-7 : 2017 ; IEC 60079-31 : 2013.								
Ratings:	Maximum rating voltage : 690 Vac Maximum rating current : 32 A.								
Ambient temperature:	For plug type 8571/*2-***-* with sealing ring made of D0122-01 : -40°C ~ +40°C...+65°C / T6 ... T5 by current range 16 A ... 32 A For plug type 8571/*2-***-* with sealing ring made of D0123-01 : -50°C ~ +40°C...+65°C / T6 ... T5 by current range 16 A ... 32 A								
Main components:	Enclosure, gasket, clamp insert, contact pin.								
Type variants:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Type</th> <th>8571/a2-bcc-d</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">a</td> <td>Design 1 = standard 2 = North America</td> </tr> <tr> <td style="text-align: center;">bcc</td> <td> Poles / Position for earth contact and voltage / frequency / colour 4** = 3P+PE 402 = >50 V, >300-500 Hz, 25 A(green) 403 = 380 V, 50 Hz(red) 404 = 100-130 V, 50/60 Hz(yellow) 405 = 600-690 V, 50/60 Hz(black) 406 = 380-415 V, 50/60 Hz(red) 407 = 480 V, 50/60 Hz(red) 409 = 200-250 V, 50/60 Hz(blue) 410 = >50 V, 100-300 Hz, 25 A(green) 411 = 440-460 V, 60 Hz(red) 5** = 3P+N+PE 502 = >50 V, >300-500 Hz, 25 A(green) 503 = 220/380 V, 50 Hz(red) 504 = 57/100-75/130 V, 50/60 Hz(yellow) 505 = 347/600-400/690 V, 50/60 Hz(black) </td> </tr> </tbody> </table>			Type	8571/a2-bcc-d	a	Design 1 = standard 2 = North America	bcc	Poles / Position for earth contact and voltage / frequency / colour 4** = 3P+PE 402 = >50 V, >300-500 Hz, 25 A(green) 403 = 380 V, 50 Hz(red) 404 = 100-130 V, 50/60 Hz(yellow) 405 = 600-690 V, 50/60 Hz(black) 406 = 380-415 V, 50/60 Hz(red) 407 = 480 V, 50/60 Hz(red) 409 = 200-250 V, 50/60 Hz(blue) 410 = >50 V, 100-300 Hz, 25 A(green) 411 = 440-460 V, 60 Hz(red) 5** = 3P+N+PE 502 = >50 V, >300-500 Hz, 25 A(green) 503 = 220/380 V, 50 Hz(red) 504 = 57/100-75/130 V, 50/60 Hz(yellow) 505 = 347/600-400/690 V, 50/60 Hz(black)
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Applicant	Wan Jiun Technology Co., Ltd.	
	Type	8571/a2-bcc-d
	bcc	Poles / Position for earth contact and voltage / frequency / colour 5** = 3P+N+PE 506 = 200/346-240/415 V, 50/60 Hz(red) 507 = 277/480 V, 50/60 Hz(red) 509 = 120/208-144/250 V, 50/60 Hz(blue) 510 = >50 V, 100-300 Hz, 25 A(green) 511 = 250/440-265/460 V, 60 Hz(red)
	d	B = silicone free S = containing silicone
	e	Additional parameter that do not affect the explosion protection of the equipment.
Specific conditions of use:	<p>The plug must not be used in dust areas where highly charge-generating processes, machine friction and separation processes, electron spraying (e.g. around electrostatic coating systems) and pneumatically conveyed dust occur.</p> <p>WARNING - THE PLUG SHALL BE FREE FROM WATER AND DUST BEFORE IS INSERTED TO THE SOCKET</p> <p>WARNING – DO NOT OPEN WHEN ENERGIZED</p> <p>WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS</p> <p>WARNING – THE PLUG SHALL BE FIRMLY MOUNTED AT THE SOCKET IN ORDER TO ENSURE THE INGRESS PROTECTION IP</p> <p>WARNING – TEMPERATURE AT THE ENTRY POINTS HIGHER THAN +70 °C. A PROPER SELECTION OF CABLE AND CABLE GLANDS OR CONDUCTORS IN CONDUIT IS REQUIRED</p>	
Approval reference:	<p>The assessment of the above equipment is based on the review of IECEx Certificate of Conformity (IECEx PTB 20.0003X Issue No: 1) issued by Physikalisch-Technische Bundesanstalt (PTB), Germany and the associate test reports (DE/PTB/ExTR20.0002/01).</p>	
Certificate history:	Issue 1 (B202300104)	(2023-06-05)

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