

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 8570 series								
Ex marking	Ex eb IIC T6...T5 Gb Ex tb IIIC T75°C Db								
Certificate No.	(ITRI)2023 07-00081X								
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 : 2015 ; IEC 60079-31 : 2013.								
Ratings:	Maximum rating voltage : 690 Vac Maximum rating current : 20 A.								
Ambient temperature:	For plug type 8570/*2-***.* with sealing ring made of D0122-01 : -40°C ~ +35°C...+65°C / T6 ... T5 by current range 6 A ... 16 A(20 A) For plug type 8570/*2-***.* with sealing ring made of D0123-01 : -50°C ~ +35°C...+65°C / T6 ... T5 by current range 6 A ... 16 A(20 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>8570/a2-bcc-d</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">a</td> <td>Design 1 = standard (16 A / 20 A) 2 = North America (20 A)</td> </tr> <tr> <td style="text-align: center;">bcc</td> <td> Poles / Position for earth contact and voltage / frequency / colour 3** = 2P+PE or 1P+N+PE 302 = >50 V, >300-500 Hz, 12 A(green) 303 = 50-100 V DC, 16 A(light-grey) 304 = 100-130 V, 50/60 Hz(yellow) 305 = 277 V, 60 Hz(light-grey) 306 = 200-250 V, 50/60 Hz(blue) 307 = 480 V, 50/60 Hz(red) 309 = 380-415 V, 50/60 Hz(red) 310 = >50 V, 100-300 Hz, 12 A(green) 4** = 3P+PE 402 = >50 V, >300-500 Hz, 12 A(green) 403 = 380 V, 50 Hz(red) 404 = 100-130 V, 50/60 Hz(yellow) 405 = 600 V, 50/60 Hz(black) 406 = 380-415 V, 50/60 Hz(red) </td> </tr> </tbody> </table>			Type	8570/a2-bcc-d	a	Design 1 = standard (16 A / 20 A) 2 = North America (20 A)	bcc	Poles / Position for earth contact and voltage / frequency / colour 3** = 2P+PE or 1P+N+PE 302 = >50 V, >300-500 Hz, 12 A(green) 303 = 50-100 V DC, 16 A(light-grey) 304 = 100-130 V, 50/60 Hz(yellow) 305 = 277 V, 60 Hz(light-grey) 306 = 200-250 V, 50/60 Hz(blue) 307 = 480 V, 50/60 Hz(red) 309 = 380-415 V, 50/60 Hz(red) 310 = >50 V, 100-300 Hz, 12 A(green) 4** = 3P+PE 402 = >50 V, >300-500 Hz, 12 A(green) 403 = 380 V, 50 Hz(red) 404 = 100-130 V, 50/60 Hz(yellow) 405 = 600 V, 50/60 Hz(black) 406 = 380-415 V, 50/60 Hz(red)
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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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	bcc	
	d	Sealing material B = silicone free S = containing silicone
Specific conditions of use:	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. WARNING - THE PLUG SHALL BE FREE FROM WATER AND DUST BEFORE IS INSERTED TO THE SOCKET. WARNING – DO NOT OPEN WHEN ENERGIZED. WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS. WARNING – THE PLUG SHALL BE FIRMLY MOUNTED AT THE SOCKET IN ORDER TO ENSURE THE INGRESS PROTECTION IP. WARNING – TEMPERATURE AT THE ENTRY POINTS HIGHER THAN +70 °C. A PROPER SELECTION OF CABLE AND CABLE GLANDS OR CONDUCTORS IN CONDUIT IS REQUIRED.	
Approval reference:	The assessment of the above equipment is based on the review of IECEx Certificate of Conformity (IECEx PTB 19.0019X Issue No: 0) issued by Physikalisch-Technische Bundesanstalt (PTB), Germany and the associate test reports (DE/PTB/ExTR19.0013/00).	
Certificate history:	Issue 1 (B202300103)	(2023-06-05)

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