

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 338018 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	Visual/Audible Alarm YL6S																																											
Ex marking	Ex d IIB T* Gb or Ex d IIC T* Gb Ex tb IIC T*** C Db																																											
Certificate No.	(ITRI)2024.07-00022X																																											
Date of first issue	March 18, 2024																																											
Date of Renewal																																												
Valid period	March 18, 2024 to March 17, 2027																																											
Standards:	CNS 3376-0 : 2014 / IEC 60079-0 : 2011 CNS 3376-1 : 2008 / IEC 60079-1 : 2007 IEC 60079-31 : 2013																																											
Ratings:	YL6S : 24 Vdc/48 Vdc/115 Vac/230 Vac, 50 W, IP66. YA6S : 24 Vdc/48 Vdc/115 Vac/230 Vac, 10 W, IP66. FL6S : 24 Vdc/48 Vdc/115 Vac/230 Vac, 40 W, IP66.																																											
Ambient temperature:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>Voltage</th> <th>T_{amb}</th> <th>Temperature classification/ Maximum surface temperature</th> </tr> </thead> <tbody> <tr> <td rowspan="2">YL6S</td> <td rowspan="2">24 Vdc/48 Vdc/ 115 Vac/230 Vac</td> <td>-60 °C ~ +40 °C</td> <td>T5/T95 °C</td> </tr> <tr> <td>-60 °C ~ +55 °C</td> <td>T4/T110 °C</td> </tr> <tr> <td rowspan="4">YA6S</td> <td rowspan="2">24 Vdc/48 Vdc</td> <td>-60 °C ~ +70 °C</td> <td>T6/T75 °C</td> </tr> <tr> <td>-60 °C ~ +60 °C</td> <td>T6/T77 °C</td> </tr> <tr> <td rowspan="2">115 Vac/230 Vac</td> <td>-60 °C ~ +70 °C</td> <td>T5/T87 °C</td> </tr> <tr> <td>-60 °C ~ +40 °C</td> <td>T6/T73 °C</td> </tr> <tr> <td rowspan="6">FL6S</td> <td rowspan="3">24 Vdc/48 Vdc</td> <td>-60 °C ~ +55 °C</td> <td>T5/T88 °C</td> </tr> <tr> <td>-60 °C ~ +70 °C</td> <td>T4/T103 °C</td> </tr> <tr> <td>-60 °C ~ +40 °C</td> <td>T5/T83 °C</td> </tr> <tr> <td rowspan="3">115 Vac</td> <td>-60 °C ~ +55 °C</td> <td>T4/T113 °C</td> </tr> <tr> <td>-60 °C ~ +40 °C</td> <td>T6/T75 °C</td> </tr> <tr> <td>-60 °C ~ +55 °C</td> <td>T5/T90 °C</td> </tr> <tr> <td rowspan="2">230 Vac</td> <td>-60 °C ~ +55 °C</td> <td>T5/T90 °C</td> </tr> <tr> <td>-60 °C ~ +70 °C</td> <td>T4/T105 °C</td> </tr> </tbody> </table>			Type	Voltage	T _{amb}	Temperature classification/ Maximum surface temperature	YL6S	24 Vdc/48 Vdc/ 115 Vac/230 Vac	-60 °C ~ +40 °C	T5/T95 °C	-60 °C ~ +55 °C	T4/T110 °C	YA6S	24 Vdc/48 Vdc	-60 °C ~ +70 °C	T6/T75 °C	-60 °C ~ +60 °C	T6/T77 °C	115 Vac/230 Vac	-60 °C ~ +70 °C	T5/T87 °C	-60 °C ~ +40 °C	T6/T73 °C	FL6S	24 Vdc/48 Vdc	-60 °C ~ +55 °C	T5/T88 °C	-60 °C ~ +70 °C	T4/T103 °C	-60 °C ~ +40 °C	T5/T83 °C	115 Vac	-60 °C ~ +55 °C	T4/T113 °C	-60 °C ~ +40 °C	T6/T75 °C	-60 °C ~ +55 °C	T5/T90 °C	230 Vac	-60 °C ~ +55 °C	T5/T90 °C	-60 °C ~ +70 °C	T4/T105 °C
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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)2024 07-00022X

Applicant	Wan Jiun Technology Co., Ltd.		
Main components:	Enclosure(plastic), speaker, circuit board, xenon flash tube, lens cover, guard.		
Type variants:	Type	aa6S/b-cddd-e	
	aa	Type series FL : Visual alarm YL : Visual/audible alarm YA : Audible alarm	
	b	Equipment group B : IIB C : IIC	
	c	Voltage D : 24 Vdc F : 48 Vdc L : 115 Vac N : 230 Vac	
	ddd	Lamp Energy 050 : 5 Joule (This code is not applicable to YA series)	
	e	Additional information not relevant to explosion-protection	
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. Potential electrostatic charging hazard- Clean the enclosure only with a damp cloth.		
Approval reference:	The assessment of the above equipment is based on the IECEx Certificate of Conformity (IECEx BAS 14.0064X Issue No.1) issued by SGS Baseefa Ltd (BAS), United Kingdom and the associate test report (GB/BAS/ExTR14.0137/00).		
Certificate history:	Issue 1 (B202400423) (2024-03-18)		

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