



Data form for critical components and material information

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| Applicant name and address..... :              | ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br>No.6,Fuheng Dong Road, Yongxing Ind.Zone,<br>Henglan Town 528478 Zhongshan,Guangdong<br>PEOPLE'S REPUBLIC OF CHINA  |
| Manufacturer name and address . :              | Same as Report holder<br>Same as Report holder  |
| Name and address of factory / factories..... : | Same as Report holder<br>Same as Report holder  |
| Project-No./Report-No. .... :                  | 64.110.19.00097.06  |
| Test item description..... :                   | Electric insect killers / Equipment for varmint protection<br>(Electric insect killer)  |
| Model/Type reference ..... :                   | Series I:<br>N12W-(14W) series:<br>DK90-2X6L1, DK90B-2X6L1, JB20B-2X6L1, JB20C-2X6L1, JB20D-2X6L1, JB20E-2X6L1, JB20M-2X6L1, JB90D-2X6L1, JB90M-2X6L1, JR89-2X6L1, JR89A-2X6L1, JX888-2X6L1, SP100-2X6L1, SP100A-2X6L1, N85A-2X6L1, JB20F-2X6L1, JX80-2X6L1<br>N16W-(15W) series:<br>DK90-2X8L1, DK90B-2X8L1, JB20B-2X8L1, JB20C-2X8L1, JB20D-2X8L1, JB20E-2X8L1, JB20M-2X8L1, JB90D-2X8L1, JB90M-2X8L1, JR89-2X8L1, JR89A-2X8L1, JX888-2X8L1, N85A-2X8L1, JB20F-2X8L1, JX80-2X8L1<br>N20W-(17W) series:<br>B20E-2X10L1, B20P-2X10L1, DK90-2X10L1, DK90B-2X10L1, JA220D-2X10L1, JB20B-2X10L1, JB20C-2X10L1, JB20D-2X10L1, JB20E-2X10L1, JB20M-2X10L1, JB90D-2X10L1, JB90M-2X10L1, JR89-2X10L1, JR89A-2X10L1, JX888-2X10L1, N85A-2X10L1, JB20F-2X10L1, JX80-2X10L1<br>N30W-(19W) series:<br>B20E-2X15L1, B20P-2X15L1, DK90-2X15L1, DK90B-2X15L1, JA220D-2X15L1, JB20B-2X15L1, JB20C-2X15L1, JB20D-2X15L1, JB20E-2X15L1, JB20M-2X15L1, JB90D-2X15L1, JB90M-2X15L1, JR89-2X15L1, JR89A-2X15L1, JX888-2X15L1, N85A-2X15L1, SP100-2X15L1, SP100A-2X15L1, JB20F-2X15L1, JX80-2X15L1<br>N40W-(24W) series:<br>B20E-2X20L1, B20P-2X20L1, DK90-2X20L1, DK90B-2X20L1, JA220D-2X20L1, JB20B-2X20L1, JB20C-2X20L1, JB20D-2X20L1, JB20E-2X20L1, JB20M- |

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TÜV SÜD Certification and Testing (China) Co., Ltd.  
Guangzhou Branch  
5F&8F East, Communication Building, No.163 Pingyun Road, Huangpu Ave. West, Guangzhou, Guangdong 510656  
Name of Project Handler: Lisa Zhang



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|  | <p>2X20L1, JB90D-2X20L1, JB90M-2X20L1, JR89-2X20L1, JR89A-2X20L1, JX888-2X20L1, N85A-2X20L1, SP100-2X20L1, SP100A-2X20L1, JB20F-2X20L1, JX80-2X20L1</p> <p>Series II:<br/>                 N12W-(7W) series:<br/>                 DK90-2X6L2, DK90B-2X6L2, JB20B-2X6L2, JB20C-2X6L2, JB20D-2X6L2, JB20E-2X6L2, JB20M-2X6L2, JB90D-2X6L2, JB90M-2X6L2, JR89-2X6L2, JR89A-2X6L2, JX888-2X6L2, SP100-2X6L2, N85A-2X6L2, JB20F-2X6L2, BK-D06LN, BK-1012L, BK-812L, JC-8012BH, JC-K8012BH, YZ-12WJ, YZ-N12WJ, JG-120LED, JG-N120LED, JX80-2X6L2</p> <p>N16W-(9W) series:<br/>                 DK90-2X8L2, DK90B-2X8L2, JB20B-2X8L2, JB20C-2X8L2, JB20D-2X8L2, JB20E-2X8L2, JB20M-2X8L2, JB90D-2X8L2, JB90M-2X8L2, JR89-2X8L2, JR89A-2X8L2, JX888-2X8L2, N85A-2X8L2, JB20F-2X8L2, JX80-2X8L2</p> <p>N20W-(12W) series:<br/>                 B20E-2X10L2, DK90-2X10L2, DK90B-2X10L2, JA220D-2X10L2, JB20B-2X10L2, JB20C-2X10L2, JB20D-2X10L2, JB20E-2X10L2, JB20M-2X10L2, JB90D-2X10L2, JB90M-2X10L2, JR89-2X10L2, JR89A-2X10L2, JX888-2X10L2, N85A-2X10L2, JB20F-2X10L2, JX80-2X10L2</p> <p>N30W-(14W) series:<br/>                 B20E-2X15L2, DK90-2X15L2, DK90B-2X15L2, JA220D-2X15L2, JB20B-2X15L2, JB20C-2X15L2, JB20D-2X15L2, JB20E-2X15L2, JB20M-2X15L2, JB90D-2X15L2, JB90M-2X15L2, JR89-2X15L2, JR89A-2X15L2, JX888-2X15L2, N85A-2X15L2, SP100-2X15L2, JB20F-2X15L2, JX80-2X15L2</p> <p>N40W-(16W) series:<br/>                 B20E-2X20L2, DK90-2X20L2, DK90B-2X20L2, JA220D-2X20L2, JB20B-2X20L2, JB20C-2X20L2, JB20D-2X20L2, JB20E-2X20L2, JB20M-2X20L2, JB90D-2X20L2, JB90M-2X20L2, JR89-2X20L2, JR89A-2X20L2, JX888-2X20L2, N85A-2X20L2, SP100-2X20L2, JB20F-2X20L2, BK-D20LN, BK-1040L, BK-840L, JC-8040BH, JC-K8040BH, YZ-40WJ, YZ-N40WJ, JG-400LED, JG-N400LED, JX80-2X20L2</p> <p>Series III:<br/>                 N12W-(14W) series:</p> |
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 Guangzhou Branch  
 5F&8F East, Communication Building, No.163 Pingyun Road, Huangpu Ave. West, Guangzhou, Guangdong 510656  
 Name of Project Handler: Lisa Zhang



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|  | <p>DK90-2X6L3, DK90B-2X6L3, JB20B-2X6L3, JB20C-2X6L3, JB20D-2X6L3, JB20E-2X6L3, JB20M-2X6L3, JB90D-2X6L3, JB90M-2X6L3, JR89-2X6L3, JR89A-2X6L3, JX888-2X6L3, SP100-2X6L3, SP100A-2X6L3, N85A-2X6L3, JB20F-2X6L3, JX80-2X6L3</p> <p>N16W-(16W) series:<br/>DK90-2X8L3, DK90B-2X8L3, JB20B-2X8L3, JB20C-2X8L3, JB20D-2X8L3, JB20E-2X8L3, JB20M-2X8L3, JB90D-2X8L3, JB90M-2X8L3, JR89-2X8L3, JR89A-2X8L3, JX888-2X8L3, N85A-2X8L3, JB20F-2X8L3, JX80-2X8L3</p> <p>N20W-(18W) series:<br/>B20E-2X10L3, B20P-2X10L3, DK90-2X10L3, DK90B-2X10L3, JA220D-2X10L3, JB20B-2X10L3, JB20C-2X10L3, JB20D-2X10L3, JB20E-2X10L3, JB20M-2X10L3, JB90D-2X10L3, JB90M-2X10L3, JR89-2X10L3, JR89A-2X10L3, JX888-2X10L3, N85A-2X10L3, JB20F-2X10L3, JX80-2X10L3</p> <p>N30W-(20W) series:<br/>B20E-2X15L3, B20P-2X15L3, DK90-2X15L3, DK90B-2X15L3, JA220D-2X15L3, JB20B-2X15L3, JB20C-2X15L3, JB20D-2X15L3, JB20E-2X15L3, JB20M-2X15L3, JB90D-2X15L3, JB90M-2X15L3, JR89-2X15L3, JR89A-2X15L3, JX888-2X15L3, N85A-2X15L3, SP100-2X15L3, SP100A-2X15L3, JB20F-2X15L3, JX80-2X15L3</p> <p>N40W-(25W) series:<br/>B20E-2X20L3, B20P-2X20L3, DK90-2X20L3, DK90B-2X20L3, JA220D-2X20L3, JB20B-2X20L3, JB20C-2X20L3, JB20D-2X20L3, JB20E-2X20L3, JB20M-2X20L3, JB90D-2X20L3, JB90M-2X20L3, JR89-2X20L3, JR89A-2X20L3, JX888-2X20L3, N85A-2X20L3, SP100-2X20L3, SP100A-2X20L3, JB20F-2X20L3, JX80-2X20L3</p> <p>Series IV:<br/>N12W-(9W) series:<br/>DK90-2X6L4, DK90B-2X6L4, JB20B-2X6L4, JB20C-2X6L4, JB20D-2X6L4, JB20E-2X6L4, JB20M-2X6L4, JB90D-2X6L4, JB90M-2X6L4, JR89-2X6L4, JR89A-2X6L4, JX888-2X6L4, SP100-2X6L4, JX60-2X6L4, JB20F-2X6L4, JX80-2X6L4</p> <p>N16W-(11W) series:<br/>DK90-2X8L4, DK90B-2X8L4, JB20B-2X8L4, JB20C-2X8L4, JB20D-2X8L4, JB20E-2X8L4, JB20M-2X8L4, JB90D-2X8L4, JB90M-2X8L4, JR89-2X8L4, JR89A-2X8L4, JX888-2X8L4, N85A-2X8L4, JB20F-2X8L4,</p> |
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|  | <p>JX80-2X8L4</p> <p>N20W-(14W) series:<br/>                 B20E-2X10L4, DK90-2X10L4, DK90B-2X10L4, JA220D-2X10L4, JB20B-2X10L4, JB20C-2X10L4, JB20D-2X10L4, JB20E-2X10L4, JB20M-2X10L4, JB90D-2X10L4, JB90M-2X10L4, JR89-2X10L4, JR89A-2X10L4, JX888-2X10L4, N85A-2X10L4, JB20F-2X10L4, BK-D10LN, BK-1020L, BK-820L, JC-8020BH, JC-K8020BH, YZ-20WJ, YZ-N20WJ, JG-200LED, JG-N200LED, BK-D10LN, BK-1020L, BK-820L, JC-8020BH, JC-K8020BH, YZ-20WJ, YZ-N20WJ, JG-200LED, JG-N200LED , JX80-2X10L4</p> <p>N30W-(17W) series:<br/>                 B20E-2X15L4, DK90-2X15L4, DK90B-2X15L4, JA220D-2X15L4, JB20B-2X15L4, JB20C-2X15L4, JB20D-2X15L4, JB20E-2X15L4, JB20M-2X15L4, JB90D-2X15L4, JB90M-2X15L4, JR89-2X15L4, JR89A-2X15L4, JX888-2X15L4, N85A-2X15L4, SP100-2X15L4, JB20F-2X15L4, JX80-2X15L4</p> <p>N40W-(23W) series:<br/>                 B20E-2X20L4, DK90-2X20L4, DK90B-2X20L4, JA220D-2X20L4, JB20B-2X20L4, JB20C-2X20L4, JB20D-2X20L4, JB20E-2X20L4, JB20M-2X20L4, JB90D-2X20L4, JB90M-2X20L4, JR89-2X20L4, JR89A-2X20L4, JX888-2X20L4, N85A-2X20L4, SP100-2X20L4, JB20F-2X20L4, JX80-2X20L4</p> <p>Series V:<br/>                 N12W-(7W) series:<br/>                 DK90-2X6L5, DK90B-2X6L5, JB20B-2X6L5, JB20C-2X6L5, JB20D-2X6L5, JB20E-2X6L5, JB20M-2X6L5, JB90D-2X6L5, JB90M-2X6L5, JR89-2X6L5, JR89A-2X6L5, JX888-2X6L5, SP100-2X6L5, JX60-2X6L5, JB20F-2X6L5, JX80-2X6L5</p> <p>N16W-(9W) series:<br/>                 DK90-2X8L5, DK90B-2X8L5, JB20B-2X8L5, JB20C-2X8L5, JB20D-2X8L5, JB20E-2X8L5, JB20M-2X8L5, JB90D-2X8L5, JB90M-2X8L5, JR89-2X8L5, JR89A-2X8L5, JX888-2X8L5, N85A-2X8L5, JB20F-2X8L5, JX80-2X8L5</p> <p>N20W-(12W) series:<br/>                 B20E-2X10L5, DK90-2X10L5, DK90B-2X10L5, JA220D-2X10L5, JB20B-2X10L5, JB20C-2X10L5, JB20D-2X10L5, JB20E-2X10L5, JB20M-2X10L5, JB90D-2X10L5, JB90M-2X10L5, JR89-2X10L5, JR89A-2X10L5, JX888-2X10L5, N85A-2X10L5,</p> |
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|  | <p>JB20F-2X10L5, JX80-2X10L5</p> <p>N30W-(13W) series:<br/> B20E-2X15L5, DK90-2X15L5, DK90B-2X15L5,<br/> JA220D-2X15L5, JB20B-2X15L5, JB20C-2X15L5,<br/> JB20D-2X15L5, JB20E-2X15L5, JB20M-2X15L5,<br/> JB90D-2X15L5, JB90M-2X15L5, JR89-2X15L5,<br/> JR89A-2X15L5, JX888-2X15L5, N85A-2X15L5,<br/> SP100-2X15L5, JB20F-2X15L5, JX80-2X15L5</p> <p>N40W-(17W) series:<br/> B20E-2X20L5, DK90-2X20L5, DK90B-2X20L5,<br/> JA220D-2X20L5, JB20B-2X20L5, JB20C-2X20L5,<br/> JB20D-2X20L5, JB20E-2X20L5, JB20M-2X20L5,<br/> JB90D-2X20L5, JB90M-2X20L5, JR89-2X20L5,<br/> JR89A-2X20L5, JX888-2X20L5, N85A-2X20L5,<br/> SP100-2X20L5, JB20F-2X20L5, JX80-2X20L5</p> <p>Series VI:<br/> N12W-(15W) series:<br/> DK90-2X6L6, DK90B-2X6L6, JB20B-2X6L6, JB20C-<br/> 2X6L6, JB20D-2X6L6, JB20E-2X6L6, JB20M-2X6L6,<br/> JB90D-2X6L6, JB90M-2X6L6, JR89-2X6L6, JR89A-<br/> 2X6L6, JX888-2X6L6, SP100-2X6L6, SP100A-2X6L6,<br/> N85A-2X6L6, JB20F-2X6L6, JX80-2X6L6</p> <p>N16W-(18W) series:<br/> DK90-2X8L6, DK90B-2X8L6, JB20B-2X8L6, JB20C-<br/> 2X8L6, JB20D-2X8L6, JB20E-2X8L6, JB20M-2X8L6,<br/> JB90D-2X8L6, JB90M-2X8L6, JR89-2X8L6, JR89A-<br/> 2X8L6, JX888-2X8L6, N85A-2X8L6, JB20F-2X8L6,<br/> JX80-2X8L6</p> <p>N20W-(20W) series:<br/> B20E-2X10L6, B20P-2X10L6, DK90-2X10L6, DK90B-<br/> 2X10L6, JA220D-2X10L6, JB20B-2X10L6, JB20C-<br/> 2X10L6, JB20D-2X10L6, JB20E-2X10L6, JB20M-<br/> 2X10L6, JB90D-2X10L6, JB90M-2X10L6, JR89-<br/> 2X10L6, JR89A-2X10L6, JX888-2X10L6, N85A-<br/> 2X10L6, JB20F-2X10L6, JX80-2X10L6</p> <p>N30W-(22W) series:<br/> B20E-2X15L6, B20P-2X15L6, DK90-2X15L6, DK90B-<br/> 2X15L6, JA220D-2X15L6, JB20B-2X15L6, JB20C-<br/> 2X15L6, JB20D-2X15L6, JB20E-2X15L6, JB20M-<br/> 2X15L6, JB90D-2X15L6, JB90M-2X15L6, JR89-<br/> 2X15L6, JR89A-2X15L6, JX888-2X15L6, N85A-<br/> 2X15L6, SP100-2X15L6, SP100A-2X15L6, JB20F-<br/> 2X15L6, JX80-2X15L6</p> <p>N40W-(26W) series:<br/> B20E-2X20L6, B20P-2X20L6, DK90-2X20L6, DK90B-</p> |
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|                   | 2X20L6, JA220D-2X20L6, JB20B-2X20L6, JB20C-2X20L6, JB20D-2X20L6, JB20E-2X20L6, JB20M-2X20L6, JB90D-2X20L6, JB90M-2X20L6, JR89-2X20L6, JR89A-2X20L6, JX888-2X20L6, N85A-2X20L6, SP100-2X20L6, SP100A-2X20L6, JB20F-2X20L6, JX80-2X20L6 |
| Device type ..... | <input type="checkbox"/> component / <input type="checkbox"/> sub-assembly / <input checked="" type="checkbox"/> equipment /<br><input type="checkbox"/> system   |

|               |   |
|---------------|---|
| Ratings ..... | <p>220-240V, 50-60Hz,</p> <p>14W(N12W-(14W) series);<br/>           15W(N16W-(15W) series);<br/>           17W(N20W-(17W) series);<br/>           19W(N30W-(19W) series);<br/>           24W(N40W-(24W) series);</p> <p>7W(N12W-(7W) series);<br/>           9W(N16W-(9W) series);<br/>           12W(N20W-(12W) series);<br/>           14W(N30W-(14W) series);<br/>           16W(N40W-(16W) series);</p> <p>14W(N12W-(14W) series);<br/>           16W(N16W-(16W) series);<br/>           18W(N20W-(18W) series);<br/>           20W(N30W-(20W) series);<br/>           25W(N40W-(25W) series);</p> <p>9W(N12W-(9W) series);<br/>           11W(N16W-(11W) series);<br/>           14W(N20W-(14W) series);<br/>           17W(N30W-(17W) series);<br/>           23W(N40W-(23W) series);</p> <p>7W(N12W-(7W) series);<br/>           9W(N16W-(9W) series);<br/>           12W(N20W-(12W) series);<br/>           13W(N30W-(13W) series);<br/>           17W(N40W-(17W) series)</p> |
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|  | 15W(N12W-(15W) series)<br>18W(N16W-(18W) series)<br>20W(N20W-(20W) series)<br>22W(N30W-(22W) series)<br>26W(N40W-(26W) series)   |
| Connection to electrical supply ..... :                            | <input type="checkbox"/> N/A<br><input type="checkbox"/> Permanent / <input checked="" type="checkbox"/> Detachable cord set /<br><input checked="" type="checkbox"/> Non detachable cord set / <input type="checkbox"/> Direct plug-in /<br><input type="checkbox"/> Battery operated /<br><input type="checkbox"/> Others:   |
| Overvoltage category ..... :                                       | <input type="checkbox"/> I / <input checked="" type="checkbox"/> II / <input type="checkbox"/> III / <input type="checkbox"/> IV / <input type="checkbox"/> N/A  |
| Pollution degree ..... :   | <input type="checkbox"/> 1 / <input checked="" type="checkbox"/> 2 / <input checked="" type="checkbox"/> 3 / <input type="checkbox"/> 4 / <input type="checkbox"/> N/A   |
| Class of protection..... :   | <input type="checkbox"/> Class I (PE connected)<br><input checked="" type="checkbox"/> Class II (isolated)<br><input type="checkbox"/> Class III<br><input type="checkbox"/> Others:<br><input type="checkbox"/> N/A   |
| Product with functional earthing .... :                            | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> N/A  |
| Environmental conditions / Maximum ambient temperature(°C)..... :  | 25°C   |
| Equipment mobility / Classification of installation and use..... : | <input type="checkbox"/> transportable / <input type="checkbox"/> portable / <input checked="" type="checkbox"/> stationary /<br><input type="checkbox"/> mobile / <input type="checkbox"/> fixed / <input type="checkbox"/> permanently installed /<br><input type="checkbox"/> hand-held / <input type="checkbox"/> body-worn / <input type="checkbox"/> building-in /<br><input type="checkbox"/> Others: |
| Operating conditions..... :  | <input checked="" type="checkbox"/> Continuous / <input type="checkbox"/> Short-time / <input type="checkbox"/> Intermittent   |
| Overall size of equipment (mm)..... :                              | 27.0 cm x 8.6 cm x 27.2cm (for models with 2X6)<br>34.9 cm x 8.6 cm x 27.2 cm (for models with 2X8)<br>39.2 cm x 8.6 cm x 32.0 cm (for models with 2X10)<br>49.8 cm x 8.6 cm x 32.0 cm (for models with 2X15)<br>65.0 cm x 8.6 cm x 32.0 cm (for models with 2X20)   |
| Mass of equipment (kg)..... :                                      | 1.6[kg] (for models with 2X6)<br>1.8[kg] (for models with 2X8)   |



**Data form for critical components and material information**

|  |   |               |
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|  | 2.9[kg] (for models with 2X10)<br>3.2[kg](for models with 2X15)<br>3.9[kg] (for models with 2X20)   |               |
| Degree of ingress protection<br>(IEC 60529, UL 50 / UL 50 E) .....   | IPX4 (SP100A-2X6L1, SP100A-2X15L1, SP100A-2X20L1, B20P-2X10L1, B20P-2X15L1, B20P-2X20L1, SP100A-2X6L3, SP100A-2X15L3, SP100A-2X20L3, B20P-2X10L3, B20P-2X15L3, B20P-2X20L3)<br>IPX0(for other models)                     |               |
| Noise emission [dB(A)] .....   | N/A   |               |
| Vibration [m/s <sup>2</sup> ]  | N/A   |               |
| Connection to hydraulic power .....  | N/A   |               |
| Connection to pneumatic power ...  | N/A   |               |
| Connection to water installation ...   | N/A   |               |
| Description of special features .....  | N/A   |               |
| Additional information for Laser equipment, classification according to IEC/EN 60825-1:<br><input checked="" type="checkbox"/> N/A |   |               |
| Type:  | Wavelength:   | Output power: |
| Class:   | Pulse duration:   |               |
| Data communication ports:<br><input checked="" type="checkbox"/> N/A   |   |               |
| Wired ports .....  | <input type="checkbox"/> N/A <input type="checkbox"/> USB <input type="checkbox"/> LAN <input type="checkbox"/> DALI<br><input type="checkbox"/> other:   |               |
| Wireless ports .....   | <input type="checkbox"/> N/A <input type="checkbox"/> Wifi <input type="checkbox"/> Bluetooth <input type="checkbox"/> NFC <input type="checkbox"/> 4G/LTE <input type="checkbox"/> 5G<br><input type="checkbox"/> Other: |               |
| Data Storage/ Processing .....   | <input type="checkbox"/> N/A <input type="checkbox"/> Local <input type="checkbox"/> Cloud  |               |

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| Additional<br>IEC 60601-1 / EN 60601-1 / ANSI/AAMI ES60601-1 / CAN/CSA-C22.2 No. 60601-1:<br><input checked="" type="checkbox"/> N/A |   |
| Applied part type .....  | <input type="checkbox"/> B <input type="checkbox"/> BF <input type="checkbox"/> CF <input type="checkbox"/> Defibrillation-Proof <input type="checkbox"/> No AP |
| Software Version.....  |   |



**Data form for critical components and material information**

General product information and other remarks:

|                                       |   |
|---------------------------------------|---|
| <p>Main label / Warning Markings:</p> | <p>Samples of rating label:</p> <p>For the models with 2X6L3 (except SP100A-2X6L3) are same as DK90-2X6L3 except the model No.;</p> <p>For the models with 2X8L3 are same as DK90-2X8L3 except the model No.;</p> <p>For the models with 2X10L3(except B20P-2X10L3) are same as DK90-2X10L3 except the model No.;</p> <p>For the models with 2X15L3 (except SP100A-2X15L3 and B20P-2X15L3) are same as DK90-2X15L3 except the model No.;</p> <p>For the models with 2X20L3 (except SP100A-2X20L3 and B20P-2X20L3) are same as DK90-2X20L3 except the model No.;</p> <p>For the models with 2X6L4 are same as DK90-2X6L4 except the model No.;</p> <p>For the models with 2X8L4 are same as DK90-2X8L4 except the model No.;</p> <p>For the models with 2X10L4 are same as DK90-2X10L4 except the model No.;</p> <p>For the models with 2X15L4 are same as DK90-2X15L4 except the model No.;</p> <p>For the models with 2X20L4 are same as DK90-2X20L4 except the model No.;</p><br><p>For the models with 2X6L1 or 2X6L6 (except SP100A-2X6L1 and SP100A-2X6L6) are same as DK90-2X6L1 except the model No.;</p> <p>For the models with 2X8L1 or 2X8L6 are same as DK90-2X8L1 except the model No.;</p> <p>For the models with 2X10L1 or 2X10L6 (except B20P-2X10L1 and SP100A-2X10L6) are same as DK90-2X10L1 except the model No.;</p> <p>For the models with 2X15L1 or 2X15L6 (except SP100A-2X15L1, B20P-2X15L1 and SP100A-2X15L6, B20P-2X15L6) are same as DK90-2X15L1 except the model No.;</p> <p>For the models with 2X20L1 or 2X20L6 (except SP100A-2X20L1, B20P-2X20L1, SP100A-2X20L6, B20P-2X20L6) are same as DK90-2X20L1 except the model No.;</p> <p>For the models with 2X6L2 or 2X6L5 are same as DK90-2X6L2 except the model No.;</p> <p>For the models with 2X8L2 or 2X8L5 are same as DK90-2X8L2 except the model No.;</p> <p>For the models with 2X10L2 or 2X10L5 are same as DK90-</p> |
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Project-No./Report-No.:  
64.110.19.00097.06  
Revision / Version:  
Date: 2024-11-15

[www.tuvsud.com](http://www.tuvsud.com)













TÜV SÜD Certification and Testing (China) Co., Ltd.  
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5F&8F East, Communication Building, No.163 Pingyun Road, Huangpu Ave. West, Guangzhou, Guangdong 510656  
Name of Project Handler: Lisa Zhang

Data form for critical components and material information











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|  | <p>2X10L2 except the model No.;</p> <p>For the models with 2X15L2 or 2X15L5 are same as DK90-2X15L2 except the model No.;</p> <p>For the models with 2X20L2 or 2X20L5 are same as DK90-2X20L2 except the model No.;</p> <p><del>For the models with 2X6L5 (except SP100A-2X6L5) is same as DK90-2X6L5 except the model No.;</del></p> <p><del>For the models with 2X8L5 is same as DK90-2X8L5 except the model No.;</del></p> <p><del>For the models with 2X10L5(except B20P-2X10L5) is same as DK90-2X10L5 except the model No.;</del></p> <p><del>For the models with 2X15L5 (except SP100A-2X15L5 and B20P-2X15L5) is same as DK90-2X15L5 except the model No.;</del></p> <p><del>For the models with 2X20L5 (except SP100A-2X20L5 and B20P-2X20L5) is same as DK90-2X20L5 except the model No.;</del></p> <p><del>For the models with 2X6L6 is same as DK90-2X6L6 except the model No.;</del></p> <p><del>For the models with 2X8L6 is same as DK90-2X8L6 except the model No.;</del></p> <p><del>For the models with 2X10L6 is same as DK90-2X10L6 except the model No.;</del></p> <p><del>For the models with 2X15L6 is same as DK90-2X15L6 except the model No.;</del></p> <p><del>For the models with 2X20L6 is same as DK90-2X20L6 except the model No.;</del></p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; padding: 5px; width: 45%;"> <p><b>INSECT KILLER</b></p> <p>Model No.: B20P-2X10L3<br/>             Watt: 18W<br/>             Input: 220-240V~ 50-60Hz<br/>             Lamp Type:<br/>             T8 F6.5W LED<br/>             Number 2<br/>             Warning/Notice: Appliance emits UV radiation,<br/>             do not stare into the light.<br/>             ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>             No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan<br/>             Town, 528478, Zhongshan, Guangdong, People's<br/>             Republic of China</p>  </div> <div style="border: 1px solid black; padding: 5px; width: 45%;"> <p><b>INSECT KILLER</b></p> <p>Model No.: SP100A-2X6L3<br/>             Watt: 14W<br/>             Input: 220-240V~ 50-60Hz<br/>             Lamp Type:<br/>             T8 F4W LED<br/>             Number 2<br/>             Warning/Notice: Appliance emits UV radiation,<br/>             do not stare into the light.<br/>             ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>             No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan<br/>             Town, 528478, Zhongshan, Guangdong, People's<br/>             Republic of China</p>  </div> </div> |
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|  | <p><b>INSECT KILLER</b></p> <p>Model No.: B20P-2X15L3<br/>Watt: 20W<br/>Input: 220-240V~ 50-60Hz<br/>Lamp Type: T8 F7W LED<br/>IPX4<br/>Number 2<br/>Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglian Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>      | <p><b>INSECT KILLER</b></p> <p>Model No.: SP100A-2X15L3<br/>Watt: 20W<br/>Input: 220-240V~ 50-60Hz<br/>Lamp Type: T8 F7W LED<br/>IPX4<br/>Number 2<br/>Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglian Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>    |
|  | <p><b>INSECT KILLER</b></p> <p>Model No.: B20P-2X20L3<br/>Watt: 25W<br/>Input: 220-240V~ 50-60Hz<br/>Lamp Type: T8 F10W LED<br/>IPX4<br/>Number 2<br/>Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglian Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>     | <p><b>INSECT KILLER</b></p> <p>Model No.: SP100A-2X20L3<br/>Watt: 25W<br/>Input: 220-240V~ 50-60Hz<br/>Lamp Type: T8 F10W LED<br/>IPX4<br/>Number 2<br/>Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglian Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>   |
|  | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X6L3<br/>Watt: 14W<br/>Input: 220-240V~ 50-60Hz<br/>Lamp Type: T5 F4W LED<br/>IPX4<br/>Number 2<br/>Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglian Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>       | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X6L4<br/>Watt: 9W<br/>Input: 220-240V~ 50-60Hz<br/>Lamp Type: T5 F4W LED<br/>IPX4<br/>Number 2<br/>Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglian Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>        |
|  | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X8L3<br/>Watt: 16W<br/>Input: 220-240V~ 50-60Hz<br/>Lamp Type: T5 F4.5W LED<br/>IPX4<br/>Number 2<br/>Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglian Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>   | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X8L4<br/>Watt: 11W<br/>Input: 220-240V~ 50-60Hz<br/>Lamp Type: T5 F4.5W LED<br/>IPX4<br/>Number 2<br/>Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglian Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>   |
|  | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X10L3<br/>Watt: 18W<br/>Input: 220-240V~ 50-60Hz<br/>Lamp Type: T8 F6.5W LED<br/>IPX4<br/>Number 2<br/>Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglian Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>  | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X10L4<br/>Watt: 14W<br/>Input: 220-240V~ 50-60Hz<br/>Lamp Type: T8 F6.5W LED<br/>IPX4<br/>Number 2<br/>Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglian Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>  |

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|  | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X15L3<br/>                     Watt: 20W<br/>                     Input: 220-240V~ 50-60Hz<br/>                     Lamp Type: T8 F7W LED<br/>                     Number 2<br/>                     Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>                     ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                     No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>                | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X15L4<br/>                     Watt: 17W<br/>                     Input: 220-240V~ 50-60Hz<br/>                     Lamp Type: T8 F7W LED<br/>                     Number 2<br/>                     Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>                     ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                     No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>                  |
|  | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X20L3<br/>                     Watt: 25W<br/>                     Input: 220-240V~ 50-60Hz<br/>                     Lamp Type: T8 F10W LED<br/>                     Number 2<br/>                     Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>                     ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                     No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>               | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X20L4<br/>                     Watt: 23W<br/>                     Input: 220-240V~ 50-60Hz<br/>                     Lamp Type: T8 F10W LED<br/>                     Number 2<br/>                     Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>                     ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                     No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>                 |
|  | <p><b>INSECT KILLER</b></p> <p>Model No.: B20P-2X10L1<br/>                     Watt: 17W<br/>                     Input: 220-240V~ 50-60Hz<br/>                     Lamp Type: T8 F6.5W LED<br/>                     Number 2<br/>                     Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>                     ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                     No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p> <p>IPX4</p>  | <p><b>INSECT KILLER</b></p> <p>Model No.: SP100A-2X6L1<br/>                     Watt: 14W<br/>                     Input: 220-240V~ 50-60Hz<br/>                     Lamp Type: T5 F4W LED<br/>                     Number 2<br/>                     Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>                     ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                     No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p> <p>IPX4</p>     |
|  | <p><b>INSECT KILLER</b></p> <p>Model No.: B20P-2X15L1<br/>                     Watt: 19W<br/>                     Input: 220-240V~ 50-60Hz<br/>                     Lamp Type: T8 F7W LED<br/>                     Number 2<br/>                     Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>                     ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                     No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p> <p>IPX4</p>  | <p><b>INSECT KILLER</b></p> <p>Model No.: SP100A-2X15L1<br/>                     Watt: 19W<br/>                     Input: 220-240V~ 50-60Hz<br/>                     Lamp Type: T8 F7W LED<br/>                     Number 2<br/>                     Warning/Notice: Appliance emits UV radiation, do not stare into the light.<br/>                     ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                     No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p> <p>IPX4</p>  |
|  | <p><b>INSECT KILLER</b></p> <p>Model No.: B20P-2X20L1<br/>                     Watt: 24W<br/>                     Input: 220-240V~ 50-60Hz<br/>                     Lamp Type: T8 F10W LED<br/>                     Number 2<br/>                     ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                     No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p> <p>IPX4</p>   | <p><b>INSECT KILLER</b></p> <p>Model No.: SP100A-2X20L1<br/>                     Watt: 24W<br/>                     Input: 220-240V~ 50-60Hz<br/>                     Lamp Type: T8 F10W LED<br/>                     Number 2<br/>                     ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                     No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p> <p>IPX4</p>   |

Data form for critical components and material information

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|                                     | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X6L1<br/>                 Watt: 14W<br/>                 Input: 220-240V~ 50-60Hz<br/>                 Lamp Type: T5 F4W LED<br/>                 Number 2</p> <p>Warning/Notice: Appliance emits UV radiation, do not stare into the light.</p> <p>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                 No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>    | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X6L2<br/>                 Watt: 7W<br/>                 Input: 220-240V~ 50-60Hz<br/>                 Lamp Type: T5 F4W LED<br/>                 Number 2</p> <p>Warning/Notice: Appliance emits UV radiation, do not stare into the light.</p> <p>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                 No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>     |
|                                     | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X8L1<br/>                 Watt: 15W<br/>                 Input: 220-240V~ 50-60Hz<br/>                 Lamp Type: T5 F4.5W LED<br/>                 Number 2</p> <p>Warning/Notice: Appliance emits UV radiation, do not stare into the light.</p> <p>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                 No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>  | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X8L2<br/>                 Watt: 9W<br/>                 Input: 220-240V~ 50-60Hz<br/>                 Lamp Type: T5 F4.5W LED<br/>                 Number 2</p> <p>Warning/Notice: Appliance emits UV radiation, do not stare into the light.</p> <p>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                 No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>   |
|                                     | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X10L1<br/>                 Watt: 17W<br/>                 Input: 220-240V~ 50-60Hz<br/>                 Lamp Type: T8 F6.5W LED<br/>                 Number 2</p> <p>Warning/Notice: Appliance emits UV radiation, do not stare into the light.</p> <p>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                 No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p> | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X10L2<br/>                 Watt: 12W<br/>                 Input: 220-240V~ 50-60Hz<br/>                 Lamp Type: T8 F6.5W LED<br/>                 Number 2</p> <p>Warning/Notice: Appliance emits UV radiation, do not stare into the light.</p> <p>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                 No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p> |
|                                     | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X15L1<br/>                 Watt: 19W<br/>                 Input: 220-240V~ 50-60Hz<br/>                 Lamp Type: T8 F7W LED<br/>                 Number 2</p> <p>Warning/Notice: Appliance emits UV radiation, do not stare into the light.</p> <p>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                 No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>   | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X15L2<br/>                 Watt: 14W<br/>                 Input: 220-240V~ 50-60Hz<br/>                 Lamp Type: T8 F7W LED<br/>                 Number 2</p> <p>Warning/Notice: Appliance emits UV radiation, do not stare into the light.</p> <p>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                 No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>   |
|                                     | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X20L1<br/>                 Watt: 24W<br/>                 Input: 220-240V~ 50-60Hz<br/>                 Lamp Type: T8 F10W LED<br/>                 Number 2</p> <p>Warning/Notice: Appliance emits UV radiation, do not stare into the light.</p> <p>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                 No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>  | <p><b>INSECT KILLER</b></p> <p>Model No.: DK90-2X20L2<br/>                 Watt: 16W<br/>                 Input: 220-240V~ 50-60Hz<br/>                 Lamp Type: T8 F10W LED<br/>                 Number 2</p> <p>Warning/Notice: Appliance emits UV radiation, do not stare into the light.</p> <p>ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd<br/>                 No.6, Fuheng Dong Road, Yongxing Ind.Zone, Henglan Town, 528478, Zhongshan, Guangdong, People's Republic of China</p>  |
| Description of model differences:   | Refer to TRF general product information   |  |
| General information / Intended use: | Refer to TRF general product information   |  |
| Protective earth connection:        | Refer to TRF photo documentation   |  |
| Drawing(s) / Picture(s):            | Refer to TRF photo documentation   |  |

Critical components and material information:

Project-No./Report-No.: 64.110.19.00097.06  
 Revision / Version: Date: 2024-11-15

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 Name of Project Handler: Lisa Zhang

## Data form for critical components and material information

| Object / part No.  | Manufacturer/ trademark                            | Type / model | Technical data | Standard No. and Edition year | Mark(s) of conformity and file number |
|--|--|--------------|----------------|-------------------------------|---------------------------------------|
| <b>Enclosure: See the following table for material information</b> |  |              |                |                               |                                       |
| <b>Components related to electrical safety:</b>                    |  |              |                |                               |                                       |
| 1.1 Plug   | Hong Shan Chuan Industry (Shen Zhen)Co., Ltd       | HSC-402      | AC 250V, 16A   | DIN VDE 0620-2-1              | VDE                                   |
|  | MAINLAND ELECTRICWIRE & CABLE CO., LTD.            | ML-302       | AC 250V, 16A   | DIN VDE 0620-2-1              | VDE                                   |
|  | Guangdong Huasheng Electrical Appliances Co.,Ltd.  | CT-104       | AC 250V,16A    | DIN VDE 0620-2-1              | VDE                                   |
| Alternative (not for GS mark)                                      | DONGGUAN Unirise Electrica Wire &Cabie Co.,Ltd.    | UE-312       | AC 250V, 16A   | DIN VDE 0620-2-1              | VDE                                   |
|  | Sheng Yi Electrical Factory                        | SY-22        | AC250V,16A     | DIN VDE 0620-1                | VDE                                   |
|  | Zhongshan Guzhen Hongli Calbe& Appliance Factory   | HL-5B        | AC 250V, 16A   | DIN VDE 0620-1                | VDE                                   |
|  | Guangzhou Huan Qiu Electrical & Appliance Co., Ltd | HQ-B301      | AC 250V, 16A   | DIN VDE 0620-1                | VDE                                   |
|  | Ningbo Dabu Electric Appliance Co.,Ltd.            | DB03         | AC 250V, 16A   | DIN VDE 0620-1                | VDE                                   |
|  | Zhongshan XESON Electronic Technology Co., Ltd     | XT-108       | AC 250V, 16A   | DIN VDE 0620-1                | VDE                                   |
|  | Zhongshan XESON Electronic Technology Co., Ltd     | XT-109       | AC 250V, 16A   | DIN VDE 0620-1                | VDE                                   |
| 1.2 Italy Plug (not for German market)                             | Hong Shan Chuan Industry (Shen Zhen)Co., Ltd       | HSC-603      | 250V, 10A      | CEI 23-50                     | IMQ                                   |
|  | Guangdong Huasheng Electrical Appliances Co.,Ltd.  | CT-109       | AC 250V,10A    | CEI 23-50                     | IMQ                                   |
| Alternative (not for GS mark)                                      | Zhongshan Guzhen hongli cable & Appliance Factory  | HL-14        | AC 250V,10A    | CEI 23-50                     | IMQ                                   |
|  | Sheng Yi Electrical Co., Ltd                       | SY-91        | AC 250V,10A    | CEI 23-50                     | IMQ                                   |

## Data form for critical components and material information

| Object / part No.                              | Manufacturer/ trademark                            | Type / model | Technical data               | Standard No. and Edition year | Mark(s) of conformity and file number |
|--|--|--------------|------------------------------|-------------------------------|---------------------------------------|
|  | Guangzhou Huan Qiu Electrical & Appliance Co., Ltd | HQ-B304      | AC 250V 10A<br>IP20          | CEI 23-50                     | IMQ                                   |
|  | DONGGUAN Unirise Electrica Wire &Cable Co.,Ltd.    | UE-317       | 250V, 10A                    | CEI 23-50                     | IMQ                                   |
| 1.3 Swiss plug(not for German market)          | Guangdong Huasheng Electrical Appliances Co.,Ltd.  | CT-110       | AC 250V, 10A, type 12        | SEV 6534-2<br>IEC 60884-1     | SCES                                  |
|  | Hong Shan Chuan Industry (Shen Zhen)Co., Ltd       | HSC-402      | AC 250V, 10A, type 12        | SEV 1011<br>IEC 60884-1       | SEV                                   |
|  | Huizhou Mainland Electrical Appliances Co.,Ltd.    | ML-317       | 250V, 10A                    | SEV 1011<br>IEC 60884-1       | SEV                                   |
| Alternative (not for GS mark)                  | Zhongshan Guzhen hongli cable &Appliance Factory   | HL-38        | AC250V,10A, type 12          | SEV 1011<br>IEC 60884-1       | SEV                                   |
|  | Sheng Yi Electrical Co., Ltd                       | SY-93        | AC 250V,10A, type 12         | SEV 1011<br>IEC 60884-1       | SCES                                  |
|  | Guangzhou Huan Qiu Electrical & Appliance Co., Ltd | HB-B307      | AC 250V, 10A, type 12        | SEV 1011<br>IEC 60884-1       | SCES                                  |
|  | DONGGUAN Unirise Electrica Wire &Cable Co.,Ltd.    | UE-345       | 250V, 10A                    | SEV 1011<br>IEC 60884-1       | SEV                                   |
| 1.4 Belgian Plug Alternative (not for GS mark) | Guangzhou Huan Qiu Electrical & Appliance Co., Ltd | HB-B201      | 250V 16A; V11-50/60HZ        | NBN C 51-112-1                | CEBCE                                 |
| 1.5 Sweden Plug Alternative (not for GS mark)  | Guangzhou Huan Qiu Electrical & Appliance Co., Ltd | HQ-B301      | 250V 16A CEE7V11-50/60Hz     | SS 428 08 34<br>IEC 60884-1   | ETL<br>SEMKO                          |
| 1.6 Finland plugAlternative (not for GS mark)  | Guangzhou Huan Qiu Electrical & Appliance Co., Ltd | HQ-B301      | 250V 16A CEE/<br>V11-50/60Hz | SFS 5610<br>IEC 60884-1       | NCS/FI                                |

## Data form for critical components and material information

| Object / part No.  | Manufacturer/ trademark                            | Type / model | Technical data                 | Standard No. and Edition year | Mark(s) of conformity and file number |
|--|--|--------------|--------------------------------|-------------------------------|---------------------------------------|
| 1.7 Holland PlugAlternative (not for GS mark)  | Guangzhou Huan Qiu Electrical & Appliance Co., Ltd | HQ-B301      | 250V 16A V11-50/60HZ           | NEN 1020 IEC 60884-1          | KEMA                                  |
| 1.8 BS Plug (not for German market)  | Guangdong Huasheng Electrical Appliances Co., Ltd. | CT-307       | AC 250 V, 13A , non-rewireable | BS 1363-1                     | ASTA                                  |
|  | Hong Shan Chuan Industry (Shen Zhen)Co., Ltd       | HSC-601      | AC 250 V, 13A , non-rewireable | BS 1363-1                     | ASTA                                  |
|  | Huizhou Mainland Electrical Appliances Co., Ltd.   | ML-313       | AC 250 V, 13A , non-rewireable | BS 1363-1                     | ASTA                                  |
|  | Shenzhen Zhuo Xing Electric Appliances Co., Ltd    | 9528, 9529   | AC 250V 13A                    | BS 1363-1                     | ASTA                                  |
| Alternative (not for GS mark)  | DONGGUAN Unirise Electrical Wire &Cable Co., Ltd.  | UE-324       | AC 250 V, 13A , non-rewireable | BS 1363-1                     | ASTA                                  |
|  | Ming Tak Electrical Wiring Co., Ltmited            | NS-17        | AC 250 V, 13A, non-rewireable  | BS 1363-1                     | ASTA                                  |
|  | Kenic Electric Mfg Co Ltd                          | KE-88        | AC 250 V, 13A , non-rewireable | BS 1363-1                     | BSI                                   |
|  | Dongguan Ubill Electrical Co., Ltd.                | UBL 8008     | AC 250 V, 13A , non-rewireable | BS 1363-1                     | ASTA                                  |
|  | Zhongshan Guzhen hongli cable & Appliance Factory  | SW168        | AC 250 V, 13A , rewireable     | BS 1363-1                     | BSI                                   |
|  | De-Chang Electronic Manufactory                    | DC-168A      | AC 250 V, 13A , rewireable     | BS 1363-1                     | ASTA                                  |
|  | Scolmore International Ltd                         | SW168        | AC 250 V, 13A , rewireable     | BS 1363-1                     | ASTA                                  |
|  | BO Luo Chang Le Metal Plastic Co., Ltd             | HO-100       | AC 250 V, 13A , rewireable     | BS 1363-1                     | ASTA                                  |
| Description: the use of current fuse of BS plug should meet the requirements of BS 1363-1:2016+A1:2018 |  |              |                                |                               |                                       |
| 1.9 Israe plug (not for GS mark adn CE-  | Ningbo Xuanshi Electronics Co., Ltd.               | JL-10        | 250V, 16A                      | SI 32                         | The standard institution of Israel    |

## Data form for critical components and material information

| Object / part No.                                | Manufacturer/ trademark                               | Type / model | Technical data             | Standard No. and Edition year | Mark(s) of conformity and file number |
|--|---|--------------|----------------------------|-------------------------------|---------------------------------------|
| LVD)   | Hong Shan Chuan Industry (Shen Zhen)Co., Ltd          | HSC-21       | 250V, 16A                  | SI 32                         | The standard institution of Israel    |
| 2 Power cord                                     | Guangdong Huasheng Electrical Appliances Co.,Ltd.     | H05RN-F      | 3G 0.75mm <sup>2</sup>     | DIN EN 50525-2-21             | VDE                                   |
|  | Zhongshancity Hongshanchuan Polymer Materials Co.,Ltd | H05RN-F      | 3G 0.75mm <sup>2</sup>     | DIN EN 50525-2-21             | VDE                                   |
|  | MAINLAND ELECTRICWIRE & CABLE CO., LTD.               | H05RN-F      | 3G 0.75mm <sup>2</sup>     | DIN EN 50525-2-21             | VDE                                   |
| Alternative (not for GS mark)                    | Zhongshan Guzhen Hongli Cable & Appliance Factory     | H05RN-F      | 3G 0.75mm <sup>2</sup>     | DIN EN 50525-2-21             | VDE                                   |
|  | Ningbo Dabu Electric Appliance Co.,Ltd.               | H05RN-F      | 3G 0.75mm <sup>2</sup>     | DIN EN 50525-2-21             | VDE                                   |
|  | DONGGUAN Unirise Electrical Wire &Cable Co.,Ltd.      | H05RN-F      | 3G 0.75mm <sup>2</sup>     | DIN EN 50525-2-21             | VDE                                   |
|  | Top Resources Co.,Ltd                                 | H05RN-F      | 3G 0.75mm <sup>2</sup>     | DIN EN 50525-2-21             | VDE                                   |
|  | Guangdong Rifeng Electrical Cable Co., Ltd            | H05RN-F      | 3G 0.75mm <sup>2</sup>     | DIN EN 50525-2-21             | VDE                                   |
| 3. Switch (not for modelswith“B2 0E” and “B20P”) | Guangzhou Taiheng Electronic & Electrical Co., Ltd.   | TH1          | 250V, 15A, 10E3, T55       | EN 61058-1                    | TÜV Rheinland                         |
|  |   | TH1          | 250V, 15A, 10E3, T85       |                               |                                       |
|  |   | TH2          | 250V, 15A, 10E3, T85       |                               |                                       |
|  | Ningbo Soken Electrical Co., Ltd                      | RK1-14       | 250V, 16A, 10E3, T100/55   | EN 61058-1                    | VDE                                   |
|  | Zhe Jiang Bei Er Jia Electronic Co., Ltd.             | PS8A         | AC 250V, 6(4)A, 10E3, T105 | EN 61058-1                    | VDE                                   |

## Data form for critical components and material information

| Object / part No.   | Manufacturer/ trademark                       | Type / model | Technical data   | Standard No. and Edition year | Mark(s) of conformity and file number |
|---|---|--------------|--|-------------------------------|---------------------------------------|
|   | ZheJiang BeiErJia Electronic Co., Ltd.        | PS8A         | AC 250V, 8A, T105, 10E3  | EN 61058-1                    | TUV Rh                                |
|   | ZheJiang BeiErJia Electronic Co., Ltd.        | PS8C         | AC250V, 16(4)A, 10E3, T105   | EN 61058-1                    | TUV Rh                                |
|   | Zhe Jiang Bei Er Jia Electronic Co., Ltd.     | PS8C         | AC250V, 6(4)A, 10E3, T105  | EN 61058-1                    | VDE                                   |
| 4. H.V. transformer(Only for series I, series III, series VI)           | Zhongshan Protostar Optoelectronic Co., Ltd.  | JB99-2       | 220V-240V, 2200Vr.m.s., class B  | EN 60335-1<br>EN 60335-2-59   | Testedwithappliance                   |
| - Transformer winding   | Shantou Shengang Electrical Industrial Co Ltd | UEW/155      | T155, $\Phi$ 0.12mm, 2600Turns for primary, 385 $\Omega$ /25 $^{\circ}$ C                    | EN 60335-1<br>EN 60335-2-59   | Testedwithappliance<br>UL E239508     |
|   | Pacific-teai Electric Wire&Cable Ltd.         | UEW-F        | MW-79C, T155, $\Phi$ 0.04mm, 27600Turns for secondary winding, 36k $\Omega$ /25 $^{\circ}$ C | EN 60335-1<br>EN 60335-2-59   | Testedwithappliance<br>UL E142108     |
| - Bobbin of transformer   | Guangzhou Shihua                              | PP           | thickness: 1.2mm   | EN 60335-1<br>EN 60335-2-59   | Testedwithappliance                   |
| Alternative H.V. transformer (Only for series I, series III, series VI) | Zhongshan Protostar Optoelectronic Co., Ltd   | JB99-3       | 220-240V, 3000Vr.m.s, class B  | EN 60335-1<br>EN 60335-2-59   | Testedwithappliance                   |
| - Transformer winding   | YichiElectricalMfg Co Ltd                     | XUEWX/155    | MW79, 155 $^{\circ}$ C   | EN 60335-1<br>EN 60335-2-59   | UL E230945<br>Testedwithappliance     |
|   | Pacific-teai Electric Wire&Cable Ltd.         | UEW-F        | MW-79C, T155,  | EN 60335-1<br>EN 60335-2-59   | UL E142108<br>Testedwithappliance     |
| - Bobbin of transformer   | Guangzhou Shihua                              | PP           | thickness: 1.2mm   | EN 60335-1<br>EN 60335-2-59   | Testedwithappliance                   |

## Data form for critical components and material information

| Object / part No.   | Manufacturer/ trademark                     | Type / model | Technical data   | Standard No. and Edition year | Mark(s) of conformity and file number |
|---|---|--------------|--|-------------------------------|---------------------------------------|
| - Capacitor in secondary circuit of   | Shantou Songtian Electronics.               | 332          | 10kVDC, 0.0033uF   | EN 60335-1<br>EN 60335-2-59   | Testedwithapliance                    |
| Alternative H.V. transformer(Only for series I, series III, series VI)                  | Zhongshan Protostar Optoelectronic Co., Ltd | JB99-5       | 220-240V, 2000Vr.m.s, classB   | EN 60335-1<br>EN 60335-2-59   | Testedwithapliance                    |
| - Transformer winding   | Yichi Electrical Mfg Co Ltd                 | UEW/155      | MW-79C, T155, $\Phi$ 0.04mm, 4300x5 Turns for secondary winding  | EN 60335-1<br>EN 60335-2-59   | UL E230945<br>Testedwithapliance      |
|   |   | UEW/155      | MW-79C, T155, $\Phi$ 0.12mm, 2050 Turns for primary winding  |                               |                                       |
| - Bobbin of transformer   | Guangzhou Shihua                            | PP           | thickness: 1.2mm   | EN 60335-1<br>EN 60335-2-59   | Testedwithapliance                    |
| - Capacitor in secondary circuit of   | Shantou Songtian Electronics.               | 332          | 10kVDC, 0.0033uF   | EN 60335-1<br>EN 60335-2-59   | Testedwithapliance                    |
| 5.LED driver (series connection, only for models with 2X6L3 or 2X6L4 or 2X8L3 or 2X8L4) | ZHONGSHAN PROTOSTAR optoelectronic Co., Ltd | CHH-58020MB  | 100-240V, 50/60Hz, Rated input current: Max. 0.25A, Rated output current: 230mA, Rated output power: 20W, ta :45 °C, tc: 75 °C | EN 61347-1<br>EN 61347-2-13   | TUV SUD                               |

## Data form for critical components and material information

| Object / part No.   | Manufacturer/ trademark  | Type / model       | Technical data   | Standard No. and Edition year | Mark(s) of conformity and file number |
|---|--|--------------------|--|-------------------------------|---------------------------------------|
| LED driver (parallel connection, only for models with 2X10L3 or 2X15L3 or 2X20L3 or 2X10L4 or 2X15L4 or 2X20L4) | ZHONGSHAN PROTOSTAR optoelectronic Co., Ltd  | CHH-58020MB        | 100-240V, 50/60Hz, Rated input current: Max. 0.25A, Rated output current: 230mA, Rated output power: 20W, ta :45 °C, tc: 75 °C | EN 61347-1<br>EN 61347-2-13   | TUV SUD                               |
| LED driver (series connection, only for models with 2X6L1 or 2X8L1)   | ZHONGSHAN PROTOSTAR optoelectronic Co., Ltd  | HG-FM18W-E         | 100-240V, 50/60Hz, Rated input current: Max. 0.20A, Rated output: 180mA, Max. 90VDC, 17W, ta :45 °C, tc: 75 °C                 | EN 61347-1<br>EN 61347-2-13   | TUV SUD                               |
| LED driver (parallel connection, only for models with 2X10L1 or 2X15L1 or 2X20L1)                               | ZHONGSHAN PROTOSTAR optoelectronic Co., Ltd  | HG-FM18W-E         | 100-240V, 50/60Hz, Rated input current: Max. 0.20A, Rated output: 180mA, Max. 90VDC, 17W, ta :45 °C, tc: 75 °C                 | EN 61347-1<br>EN 61347-2-13   | TUV SUD                               |
| 6 UV lamp (only for series I, series II, series III, series IV)   | Zhongshan Protostar Optoelectronic Co., Ltd.<br>(Trade mark : YONGXIN) or<br>(Trade mark :SUPER UVA) | T5 F4W LED 100MA   | 2 pcs (for models with 2X6)  | EN 60335-1<br>EN 60335-2-59   | Testedwithapliance                    |
|   |  | T5 F4.5W LED 100MA | 2 pcs (for models with 2X8)  |                               |                                       |
|   |  | T8 F6.5W LED 100MA | 2 pcs (for models with 2X10)   |                               |                                       |
|   |  | T8 F7W LED 100MA   | 2 pcs (for models with 2X15)   |                               |                                       |
|   |  | T8 F10W LED 100MA  | 2 pcs (for models with 2X20)   |                               |                                       |
| 7. UV lamp (only for series   | Zhongshan Protostar Optoelectronic Co.,  | T8 F4W LED         | 2 pcs (for models with 2X6)  | EN 60335-1                    | Testedwithapliance                    |

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|---|---|--------------|------------------------------|-------------------------------|---------------------------------------|
| V, series VI)   | Ltd.<br>(Trade mark :<br>YONGXIN SUPER<br>UVA)      | T8 F4.5W LED | 2 pcs (for models with 2X8)  | EN 60335-2-59                 |                                       |
|   |   | T8 F6.5W LED | 2 pcs (for models with 2X10) |                               |                                       |
|   |   | T8 F7W LED   | 2 pcs (for models with 2X15) |                               |                                       |
|   |   | T8 F10W LED  | 2 pcs (for models with 2X20) |                               |                                       |
| -PCB  | Jintianmei International Technology Zhuhai Co., Ltd | FG-F101A     | UL 94V-0                     | EN 60335-1<br>EN 60335-2-59   | UL:E330731<br>Testedwitha<br>pliance  |
| -U1   | Shenzhen BiyiMicroelectronics Co., Ltd              | KP1079A      | AS0P-7                       | EN 60335-1<br>EN 60335-2-59   | Testedwitha<br>pliance                |
| -T1   | XinxiElectronicTechnology Co., Ltd                  | EE10         | 2.0MH                        | EN 60335-1<br>EN 60335-2-59   | Testedwitha<br>pliance                |
| 8.Lampholder (G5, for models with 2x6L, 2X8L exceptIPX4 models)           | Fo Shan ShengjinElectrical Co., Ltd                 | GC           | 250Vor500V, 2A, T80,         | EN 60400                      | VDE                                   |
|   | Zhongshan Gaorielectrical Appliance Co., Ltd        | GR-021       | 250V, 2A, T100               | EN 60400                      | Testedwitha<br>pliance                |
|   | Foshan City HuiyeLighting Accessories Co.,Ltd       | HY-G5        | G5, 250V,2A,T110             | EN 60400                      | TUV SUD                               |
| 9.Lampholder (G13, for models with 2x10L, 2X15L, 2x20L exceptIPX4 models) | Ningbo Development Zone Hengda Electrical Co., Ltd. | G13-F41      | 500V, 2A, T105               | EN 60400                      | VDE                                   |
|   | Foshan City HuiyeLighting Accessories Co.,Ltd       | HY-G13       | G13, 500V, 2A, T110          | EN 60400                      | TUV SUD                               |
|   | Fo Shan ShengjinElectrical Co., Ltd                 | HA           | G13, 250Vor500V, 2A, 80°C    | EN 60400                      | VDE                                   |

## Data form for critical components and material information

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|--|---|--------------|--------------------------|-------------------------------|---------------------------------------|
| 10.Lampholder (for SP100A-2X6L1, SP100A-2X15L1, SP100A-2X20L1, SP100A-2X6L3, SP100A-2X15L3, SP100A-2X20L3, SP100A-2X6L6, SP100A-2X15L6, SP100A-2X20L6) | Fo Shan Shengjin Electrical Co., Ltd                                    | G13-F41      | 500V, 2A, T110, IP67     | EN 60400                      | VDE                                   |
| 11.Lampholder (for B20P-2X10L1, B20P-2X15L1, B20P-2X20L1, B20P-2X10L3, B20P-2X15L3, B20P-2X20L3, B20P-2X10L6, B20P-2X15L6, B20P-2X20L6)                | Ningbo Economic&Technica l Development Zone Hengda Electrical Co., Ltd. | G13-F31      | G13, 500V, 2A, T110      | EN 60400                      | TUV Rh                                |
| 12. Internal wiring  | Shunde Kenda  | 1015         | 20AWG/22AWG, T105, 600 V | EN 60335-1<br>EN 60335-2-59   | Tested with apliance<br>UL E216895    |
|  | Juning wire MFG CO., Ltd  | 1015         | 20AWG/22AWG, T105, 600 V | EN 60335-1<br>EN 60335-2-59   | Tested with apliance<br>UL E252403    |
|  | Kelin Wire Co Ltd (Dongguan)  | 1015         | 20AWG/22AWG, 600V, 105°C | EN 60335-1<br>EN 60335-2-59   | Tested with apliance<br>UL E250866    |
|  | Zhongshan Nantou Boyu Wire Mfr.   | 2468         | 26AWG, 300V, 80°C        | EN 60335-1<br>EN 60335-2-59   | Tested with apliance<br>UL E314089    |

## Data form for critical components and material information

| Object / part No.   | Manufacturer/ trademark                    | Type / model | Technical data  | Standard No. and Edition year | Mark(s) of conformity and file number |
|---|--|--------------|---|-------------------------------|---------------------------------------|
|   | JIANGMEN TONGXIANG WIRE FACTORY            | 1015<br>2468 | 20AWG/22AWG, 600V, 105oC<br>26AWG, 300V, 80oC           | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance<br>UL E320611    |
|   | Juning Wire Mfg. Co., Ltd                  | 1015         | 20-24AWG, 600V, 105°C                                   | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance<br>UL E252403    |
| 13. H.V. wiring   | Nizing Electric Co., Ltd.                  | 3239         | 20AWG, 200°C, 5kVdc                                     | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance<br>UL E215834    |
|   | Nizing Electric Co., Ltd.                  | 3239         | 50kVDC, 200°C, 20AWG                                    | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance<br>UL E215834    |
|   | ZHONGSHAN CITY DINGXIANG ELECTRICAL CO LTD | 3239         | 20/22AWG, 105 °C, 30/60KVDC or 20/22AWG, 200 °C, 60KVDC | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance<br>UL E354487    |
| 14. Plastic enclosure(not for modelswithSP 100 or SP100A)                     | Taiwan Qimei                               | ABS 767      | --  | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |
| 15. Plastic holder of H.V.grid, platicenclosur of PCB YX-1409A and LED driver | Japan Mitsubishi                           | PC 201-01    | 15X35mm, Φ15mm  | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |
| 16. Plastic insect collector  | Zhongshan Guangda                          | PVC-1        | V-0   | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |
| 17. Closed-end connector  | Heavy Power                                | CE1<br>CE2   | --  | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance<br>UL E113650    |
| 18. Sleeving  | Shunde Huichang                            | Φ 5.0 Φ 7.0  | Thickness: 0.5mm, 1.5kV, T120                           | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |

## Data form for critical components and material information

| Object / part No.              | Manufacturer/ trademark                             | Type / model   | Technical data                             | Standard No. and Edition year | Mark(s) of conformity and file number |
|--------------------------------|---|--|--|-------------------------------|---------------------------------------|
| 19. Connector (optional)       | Zhongshan GuzhenHongliCalbe & Appliance Factory     | HL-68  | 250V, 10A, C13                             | EN 60320-1                    | VDE                                   |
|                                | Sheng Yi Electrical Co., Ltd.                       | SY-111   | 250V, 10A, C13                             |                               | VDE                                   |
|                                | Guangzhou Huan Qiu Electrical&Applicanc e Co., Ltd. | HQ-CB302   | 250V, 10A, C13                             |                               | VDE                                   |
|                                | Hong Shan Chuan Industry (Shen Zhen) Co., Ltd.      | HSC-406  | 250V, 10A, C13                             |                               | VDE                                   |
|                                | Guangdong HuashengElectricalA ppliances Co., Ltd.   | CT-113   | 250V, 10A, C13                             |                               | VDE                                   |
| 20. Appliance inlet (optional) | Jackson Electronics Ind.Corp                        | JR-101SG /JR-101   | AC250V, 10A, C14 (used with connector C13) | EN 60320-1                    | VDE                                   |
|                                | Zhe Jiang Bei Er Jia Electronic Co., Ltd.           | ST-A01-001L<br>ST-A01-002L<br>ST-A01-003J<br>ST-A01-003K | AC250V, 10A, C14 (used with connector C13) | EN 60320-1                    | VDE                                   |
|                                | Yueqing Yanhui Electronic Co., Ltd.                 | DB-14  | AC250V, 10A, C14 (used with connector C13) | EN 60320-1                    | VDE                                   |
| 21. Heat-shrinkable tube       | Changyuan Electronics (Shenzhen) Co., Ltd.          | Changbao 102   | VW-1, 600V, T125                           | EN 60335-1<br>EN 60335-2-59   | UL E180908<br>Testedwitha ppliance    |
|                                | Juli Electronics (Shenzhen) Co., Ltd.               | S-901-600  | 125°C/600V                                 | EN 60335-1<br>EN 60335-2-59   | UL E209436<br>Testedwitha ppliance    |
|                                | Shenzhen QifuruiElectronic Co., Ltd.                | QFR-H  | 600V, 125°C, VW-1                          | EN 60335-1<br>EN 60335-2-59   | UL E225897<br>Testedwitha ppliance    |
|                                | Shenzhen QifuruiElectronic Co., Ltd.                | QFR-SI-600   | 600V, 150°C, VW-1                          | EN 60335-1<br>EN 60335-2-59   | UL E225897<br>Testedwitha ppliance    |

## Data form for critical components and material information

| Object / part No.                   | Manufacturer/ trademark                             | Type / model | Technical data              | Standard No. and Edition year | Mark(s) of conformity and file number |
|-------------------------------------|---|--------------|-----------------------------|-------------------------------|---------------------------------------|
|                                     | Dongguan Salipt Co Ltd                              | S-901-600    | 600V, 125°C                 | EN 60335-1<br>EN 60335-2-59   | UL E209436<br>Testedwitha ppliance    |
| 22.PCB assembly(only for series IV) | ZHONGSHAN PROTOSTAR optoelectronic Co., Ltd         | YX-1049B     | 220-240V /2000-2500V,8-10mA | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |
| -PCB material                       | KingboardLaminates (Macao Commercial Offshore) Ltd. | KB-6150,FR-4 | UL 94V-0                    | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance<br>UL E123995    |
| -fusedlink                          | XC Electronics (Shenzhen) Corp. Ltd.                | 5T           | 1A, 250V, T, L              | EN 60127-1<br>EN 60127-3      | VDE                                   |
|                                     | Shenzhen Lanson Electronics Co. Ltd.                | 3N           | 1A, 250V, T, L              | EN 60127-1<br>EN 60127-3      | VDE                                   |
|                                     | Suzhou Walter Electronic Co. Ltd.                   | ICP          | 1A, 250V, T, L              | EN 60127-1<br>EN 60127-3      | VDE                                   |
|                                     | Dongguan Chevron ElectronicTechnolog y Co., Ltd.    | 3GT          | 1A, 250V, T, L              | EN 60127-1<br>EN 60127-3      | VDE                                   |
| -Capacitor (C1.C2.C5.C6)            | Shunde Huada Electric Co.,Ltd.                      | CBB21        | 104J/1000V                  | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |
|                                     | Shenzhen SincerityTechnology Co., Ltd.              | MPP          | 104J/1000V                  | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |
|                                     | Foshan Piner Electronics Co., Ltd                   | CBB21        | 104J/1000V                  | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |
| -Capacitor (C3.C4.C7.C8. C9)        | Shunde Huada Electric Co.,Ltd.                      | CBB21        | 154J/1000V                  | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |
|                                     | Shenzhen SincerityTechnology Co., Ltd.              | MPP          | 154J/1000V                  | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |
|                                     | Foshan Piner Electronics Co., Ltd                   | CBB21        | 154J/1000V                  | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |

## Data form for critical components and material information

| Object / part No.  | Manufacturer/ trademark                                    | Type / model | Technical data   | Standard No. and Edition year | Mark(s) of conformity and file number |
|--|--|--------------|--|-------------------------------|---------------------------------------|
| 23.PCB assembly(only for series IV, series III, series VI) | ZHONGSHAN PROTOSTAR optoelectronic Co., Ltd                | YX-1409A     | --   | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |
| -X2 capacitor  | Foshan Shunde Beijiao Hua Da Electric Industrial Co., Ltd. | HD-series    | 0.1μF, X2, 275V, 40/105/21 oder / or 40/085/21                       | EN 60384-14                   | VDE                                   |
|  | Tenta Electric Industrial Co. Ltd.                         | MEX          | 0.1μF, X2, 275V, 40/100/21   | EN 60384-14                   | VDE                                   |
|  | Shenzhen Sincerity Technology Co., Ltd.                    | MPX/MKP      | 0.1μF, X2, 275V , 40/110/56  | EN 60384-14                   | VDE                                   |
|  | Foshan Zhengdian Capacitor Co., Ltd                        | MKP          | 0.1μF, X2, 275V, 40/110/56   | EN 60384-14                   | ENEC                                  |
| -L1  | Zhongshan Protostar Optoelectronic Co., Ltd.               | EE19/EE16    | W1(1-2)100T*<br>0.3mm/0.25mm<br>W2(4-3)100T*<br>0.3mm<br>class A/105 | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
| -fused link  | XC Electronics (Shenzhen) Corp. Ltd.                       | 5T           | 1A, 250V, T, L   | EN 60127-1<br>EN 60127-3      | VDE                                   |
|  | Shenzhen Lanson Electronics Co. Ltd.                       | 3N           | 1A, 250V, T, L   | EN 60127-1<br>EN 60127-3      | VDE                                   |
|  | Suzhou Walter Electronic Co. Ltd.                          | ICP          | 1A, 250V, T, L   | EN 60127-1<br>EN 60127-3      | VDE                                   |
|  | Dongguan Chevron Electronic Technology Co., Ltd.           | 3GT          | 1A, 250V, T, L   | EN 60127-1<br>EN 60127-3      | VDE                                   |
| 24.PCB assembly(only for series II)                        | ZHONGSHAN PROTOSTAR optoelectronic Co., Ltd                | YX_LG21A     | 220-240V /2000-2500V,8-10mA  | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance                  |
| -PCB material  | KingboardLaminates (Macao Commercial Offshore) Ltd.        | KB-6150,FR-4 | UL 94V-0   | EN 60335-1<br>EN 60335-2-59   | Testedwitha ppliance<br>UL E123995    |

## Data form for critical components and material information

| Object / part No.  | Manufacturer/ trademark                                    | Type / model | Technical data   | Standard No. and Edition year | Mark(s) of conformity and file number |
|--|--|--------------|--|-------------------------------|---------------------------------------|
| -fusedlink   | XC Electronics (Shenzhen) Corp. Ltd.                       | 5T           | 1A, 250V, T, L   | EN 60127-1<br>EN 60127-3      | VDE                                   |
|  | Shenzhen Lanson Electronics Co. Ltd.                       | 3N           | 1A, 250V, T, L   | EN 60127-1<br>EN 60127-3      | VDE                                   |
|  | Suzhou Walter Electronic Co. Ltd.                          | ICP          | 1A, 250V, T, L   | EN 60127-1<br>EN 60127-3      | VDE                                   |
|  | Dongguan Chevron Electronic Technology Co., Ltd.           | 3GT          | 1A, 250V, T, L   | EN 60127-1<br>EN 60127-3      | VDE                                   |
|  | Dongguan Chevron Electronic Technology Co., Ltd.           | SET          | 1A, 250V, T, L   | EN 60127                      |                                       |
|  | Dongguan LUOYI Electronics Technology Co., Ltd.            | SAT          | 1A, 250V, T, L   | EN 60127                      | VDE                                   |
| -Capacitor (C1.C2.C6.C7)   | Shunde Huada Electric Co.,Ltd.                             | CBB21        | 104J/1000V   | EN 60335-1<br>EN 60335-2-59   | Testedwithapliance                    |
|  | Shenzhen Sincerity Technology Co., Ltd.                    | MPP          | 104J/1000V   | EN 60335-1<br>EN 60335-2-59   | Testedwithapliance                    |
|  | Foshan Piner Electronics Co., Ltd                          | CBB21        | 104J/1000V   | EN 60335-1<br>EN 60335-2-59   | Testedwithapliance                    |
| -Capacitor (C3.C4.C5.C8.C9)  | Shunde Huada Electric Co.,Ltd.                             | CBB21        | 154J/1000V   | EN 60335-1<br>EN 60335-2-59   | Testedwithapliance                    |
|  | Shenzhen Sincerity Technology Co., Ltd.                    | MPP          | 154J/1000V   | EN 60335-1<br>EN 60335-2-59   | Testedwithapliance                    |
|  | Foshan Piner Electronics Co., Ltd                          | CBB21        | 154J/1000V   | EN 60335-1<br>EN 60335-2-59   | Testedwithapliance                    |
| -X2 capacitor<br>0.1μF is for model No. with 2X6L2 or 2X8L2<br>0.22μF is for | Foshan Shunde Beijiao Hua Da Electric Industrial Co., Ltd. | HD-series    | 0.1 or 0.22μF, X2, 275V, 40/105/21 oder / or 40/085/21 | EN 60384-14                   | VDE                                   |
|  | Tenta Electric Industrial Co. Ltd.                         | MEX          | 0.1 or 0.22μF, X2, 275V, 40/100/21                     | EN 60384-14                   | VDE                                   |

## Data form for critical components and material information

| Object / part No.  | Manufacturer/ trademark                             | Type / model | Technical data                           | Standard No. and Edition year                   | Mark(s) of conformity and file number |
|--|---|--------------|--|---|---------------------------------------|
| model No. with 2X10L2 or 2X15L2 or 2X20L2                    | Shenzhen Sincerity Technology Co., Ltd.             | MPX/MKP      | 0.1 or 0.22 $\mu$ F, X2, 275V, 40/110/56 | EN 60384-14                                     | VDE                                   |
|  | Foshan Zhengdian Capacitor Co., Ltd                 | MKP          | 0.1 or 0.22 $\mu$ F, X2, 275V, 40/110/56 | EN 60384-14                                     | ENEC                                  |
| L2   | Zhongshan Protostar Optoelectronic Co., Ltd.        | EE13         | QA $\phi$ 0.25mm/1.0-1.2MH/200T          | EN 60335-1<br>EN 60335-2-59                     | Tested with appliance                 |
| -2P connecting device (optional)                             | Dongguan Changhe Electronics Co., Ltd.              | CS200-00-350 | 0, 75 mm <sup>2</sup> , T110             | EN 60998-1<br>EN 60998-2-2                      | VDE                                   |
| Alt.   | Dongguan Changhe Electronics Co., Ltd.              | CA350-00-500 | 0, 75 mm <sup>2</sup> , T110             | EN 60998-1<br>EN 60998-2-1                      | VDE                                   |
| Alt.   | Dongguan Changhe Electronics Co., Ltd.              | CA250-00     | 250V, 8A                                 | EN 60335-1<br>EN 60335-2-59                     | Tested with appliance                 |
| Alt.   | Cixi Wanjie Electronic Co. Ltd.                     | WJ350-3.5    | 0, 75 mm <sup>2</sup> , T125             | DIN EN 60947-7-4<br>EN 60335-1<br>EN 60335-2-59 | VDE<br>Tested with appliance          |
| Alt.   | Richever Electrical Co., Ltd.                       | PA001        | 250V, 17.5A                              | EN 60998-1<br>EN 60998-2-1                      | VDE                                   |
| Alt.   | Richever Electrical Co., Ltd.                       | 250          | 0, 75 mm <sup>2</sup> , T110             | EN 60998-1<br>EN 60998-2-1                      | VDE                                   |
| -VDR (optional)  | Cerglass MFG Inc                                    | 07D471K      | 470V, 40/85/21                           | EN 61051-1<br>EN 61051-2                        | VDE                                   |
| -L1  | ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd          | EE19         | $\Phi$ 0.40, 200T, 4.5mH, Class B        | EN 60335-1<br>EN 60335-2-59                     | Tested with appliance                 |
| 25.PCB assembly(only for series V model No. with 2X6 or 2X8) | ZHONGSHAN PROTOSTAR optoelectronic Co., Ltd         | YX-1049B-A   | 220-240V /2000-2500V,8-10mA              | EN 60335-1<br>EN 60335-2-59                     | Tested with appliance                 |
| -PCB material  | KingboardLaminates (Macao Commercial Offshore) Ltd. | KB-6150,FR-4 | UL 94V-0                                 | EN 60335-1<br>EN 60335-2-59                     | Testedwitha ppliance<br>UL E123995    |
| -fusedlink   | XC Electronics (Shenzhen) Corp. Ltd.                | 5T           | 1A, 250V, T, L                           | EN 60127-1<br>EN 60127-3                        | VDE                                   |

## Data form for critical components and material information

| Object / part No.           | Manufacturer/ trademark                                    | Type / model | Technical data                    | Standard No. and Edition year | Mark(s) of conformity and file number |
|-----------------------------|--|--------------|-----------------------------------|-------------------------------|---------------------------------------|
|                             | Shenzhen Lanson Electronics Co. Ltd.                       | 3N           | 1A, 250V, T, L                    | EN 60127-1<br>EN 60127-3      | VDE                                   |
|                             | Suzhou Walter Electronic Co. Ltd.                          | ICP          | 1A, 250V, T, L                    | EN 60127-1<br>EN 60127-3      | VDE                                   |
|                             | Dongguan Chevron Electronic Technology Co., Ltd.           | 3GT          | 1A, 250V, T, L                    | EN 60127-1<br>EN 60127-3      | VDE                                   |
|                             | Dongguan Chevron Electronic Technology Co., Ltd            | SET          | 1A, 250V, T, L                    | EN 60127                      | VDE                                   |
|                             | Dongguan LUOYI Electronics Technology Co., Ltd.            | SAT          | 1A, 250V, T, L                    | EN 60127                      | VDE                                   |
| -Capacitor (C1.C2.C3.C6.C7) | Shunde Huada Electric Co.,Ltd.                             | CBB21        | 104J/1000V                        | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
|                             | Shenzhen Sincerity Technology Co., Ltd.                    | MPP          | 104J/1000V                        | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
|                             | Foshan Piner Electronics Co., Ltd                          | CBB21        | 104J/1000V                        | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
| -Capacitor (.C4.C5.C8.C9)   | Shunde Huada Electric Co.,Ltd.                             | CBB21        | 154J/1000V                        | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
|                             | Shenzhen Sincerity Technology Co., Ltd.                    | MPP          | 154J/1000V                        | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
|                             | Foshan Piner Electronics Co., Ltd                          | CBB21        | 154J/1000V                        | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
| -X2 capacitor (C10, C11)    | Foshan Shunde Beijiao Hua Da Electric Industrial Co., Ltd. | HD-series    | 0.22 $\mu$ F, X2, 275V, 40/110/56 | EN 60384-14                   | VDE                                   |
|                             | Tenta Electric Industrial Co. Ltd.                         | MEX          | 0.22 $\mu$ F, X2, 275V, 40/110/56 | EN 60384-14                   | VDE                                   |
|                             | Shenzhen Sincerity Technology Co., Ltd.                    | MPX/MKP      | 0.22 $\mu$ F, X2, 275V, 40/110/56 | EN 60384-14                   | VDE                                   |
|                             | Foshan Zhengdian Capacitor Co., Ltd                        | MKP          | 0.22 $\mu$ F, X2, 275V, 40/110/56 | EN 60384-14                   | ENEC                                  |

## Data form for critical components and material information

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|--|---|--------------|------------------------------|---|---------------------------------------|
| L2   | Zhongshan Protostar Optoelectronic Co., Ltd.        | --           | φ9*12/QAφ0.17/4.5mH/350T     | EN 60335-1<br>EN 60335-2-59                     | Tested with appliance                 |
| -2P connecting device (optional)                                     | Dongguan Changhe Electronics Co., Ltd.              | CS200-00-350 | 0, 75 mm <sup>2</sup> , T110 | EN 60998-1<br>EN 60998-2-2                      | VDE                                   |
| Alt.   | Dongguan Changhe Electronics Co., Ltd.              | CA350-00-500 | 0, 75 mm <sup>2</sup> , T110 | EN 60998-1<br>EN 60998-2-1                      | VDE                                   |
| Alt.   | Dongguan Changhe Electronics Co., Ltd.              | CA250-00     | 250V, 8A                     | EN 60335-1<br>EN 60335-2-59                     | Tested with appliance                 |
| Alt.   | Cixi Wanjie Electronic Co. Ltd.                     | WJ350-3.5    | 0, 75 mm <sup>2</sup> , T125 | DIN EN 60947-7-4<br>EN 60335-1<br>EN 60335-2-59 | VDE<br>Tested with appliance          |
| Alt.   | Richever Electrical Co., Ltd.                       | PA001        | 250V, 17.5A                  | EN 60998-1<br>EN 60998-2-1                      | VDE                                   |
| Alt.   | Richever Electrical Co., Ltd.                       | 250          | 0, 75 mm <sup>2</sup> , T110 | EN 60998-1<br>EN 60998-2-1                      | VDE                                   |
| -VDR (TVR1, TVR2)  | Cerglass MFG Inc                                    | 07D471K      | 470V, 40/85/21               | EN 61051-1<br>EN 61051-2                        | VDE                                   |
| 26.PCB assembly(only for series V model No. with 2X10 or 2X15or2X20) | ZHONGSHAN PROTOSTAR optoelectronic Co., Ltd         | YX-1049B-B   | 220-240V /2000-2500V,8-10mA  | EN 60335-1<br>EN 60335-2-59                     | Testedwitha ppliance                  |
| -PCB material  | KingboardLaminates (Macao Commercial Offshore) Ltd. | KB-6150,FR-4 | UL 94V-0                     | EN 60335-1<br>EN 60335-2-59                     | Testedwitha ppliance<br>UL E123995    |
| -fusedlink   | XC Electronics (Shenzhen) Corp. Ltd.                | 5T           | 1A, 250V, T, L               | EN 60127-1<br>EN 60127-3                        | VDE                                   |
|  | Shenzhen Lanson Electronics Co. Ltd.                | 3N           | 1A, 250V, T, L               | EN 60127-1<br>EN 60127-3                        | VDE                                   |
|  | Suzhou Walter Electronic Co. Ltd.                   | ICP          | 1A, 250V, T, L               | EN 60127-1<br>EN 60127-3                        | VDE                                   |

## Data form for critical components and material information

| Object / part No.           | Manufacturer/ trademark                                    | Type / model | Technical data  | Standard No. and Edition year | Mark(s) of conformity and file number |
|-----------------------------|--|--------------|---|-------------------------------|---------------------------------------|
|                             | Dongguan Chevron Electronic Technology Co., Ltd.           | 3GT          | 1A, 250V, T, L  | EN 60127-1<br>EN 60127-3      | VDE                                   |
|                             | Dongguan LUOYI Electronics Technology Co., Ltd.            | SAT          | 1A, 250V, T, L  | EN 60127                      | VDE                                   |
|                             | Dongguan Chevron Electronic Technology Co., Ltd.           | SAT          | 1A, 250V, T, L  | EN 60127                      | VDE                                   |
| -Capacitor (C1.C2.C3.C6.C7) | Shunde Huada Electric Co.,Ltd.                             | CBB21        | 104J/1000V  | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
|                             | Shenzhen Sincerity Technology Co., Ltd.                    | MPP          | 104J/1000V  | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
|                             | Foshan Piner Electronics Co., Ltd                          | CBB21        | 104J/1000V  | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
| -Capacitor (C4.C5.C8.C9)    | Shunde Huada Electric Co.,Ltd.                             | CBB21        | 154J/1000V  | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
|                             | Shenzhen Sincerity Technology Co., Ltd.                    | MPP          | 154J/1000V  | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
|                             | Foshan Piner Electronics Co., Ltd                          | CBB21        | 154J/1000V  | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |
| -X2 capacitor (C10, C11)    | Foshan Shunde Beijiao Hua Da Electric Industrial Co., Ltd. | HD-series    | 0.47 $\mu$ F, X2, 275V, 40/105/21 oder / or 40/085/21 | EN 60384-14                   | VDE                                   |
|                             | Tenta Electric Industrial Co. Ltd.                         | MEX          | 0.47 $\mu$ F, X2, 275V, 40/100/21                     | EN 60384-14                   | VDE                                   |
|                             | Shenzhen Sincerity Technology Co., Ltd.                    | MPX/MKP      | 0.47 $\mu$ F, X2, 275V, 40/110/56                     | EN 60384-14                   | VDE                                   |
|                             | Foshan Zhengdian Capacitor Co., Ltd                        | MKP          | 0.47 $\mu$ F, X2, 275V, 40/110/56                     | EN 60384-14                   | ENEC                                  |
| L1                          | Zhongshan Protostar Optoelectronic Co., Ltd.               | EE13         | $\varnothing$ 0.2, >40Mh, 120T                        | EN 60335-1<br>EN 60335-2-59   | Tested with appliance                 |

## Data form for critical components and material information

| Object / part No.  | Manufacturer/ trademark                     | Type / model | Technical data               | Standard No. and Edition year                   | Mark(s) of conformity and file number |
|--|---|--------------|------------------------------|---|---------------------------------------|
| -L3  | ZhongshanProtostar Optoelectronic Co., Ltd. | T9*5*3       | >100uH                       | EN 60335-1<br>EN 60335-2-59                     | Tested with appliance                 |
| -2P connecting device (optional)   | Dongguan Changhe Electronics Co., Ltd.      | CS200-00-350 | 0, 75 mm <sup>2</sup> , T110 | EN 60998-1<br>EN 60998-2-2                      | VDE                                   |
| Alt.   | Dongguan Changhe Electronics Co., Ltd.      | CA350-00-500 | 0, 75 mm <sup>2</sup> , T110 | EN 60998-1<br>EN 60998-2-1                      | VDE                                   |
| Alt.   | Dongguan Changhe Electronics Co., Ltd.      | CA250-00     | 250V, 8A                     | EN 60335-1<br>EN 60335-2-59                     | Tested with appliance                 |
| Alt.   | Cixi Wanjie Electronic Co. Ltd.             | WJ350-3.5    | 0, 75 mm <sup>2</sup> , T125 | DIN EN 60947-7-4<br>EN 60335-1<br>EN 60335-2-59 | VDE<br>Tested with appliance          |
| Alt.   | Richever Electrical Co., Ltd.               | PA001        | 250V, 17.5A                  | EN 60998-1<br>EN 60998-2-1                      | VDE                                   |
| Alt.   | Richever Electrical Co., Ltd.               | 250          | 0, 75 mm <sup>2</sup> , T110 | EN 60998-1<br>EN 60998-2-1                      | VDE                                   |
| -VDR (TVR1, TVR2)  | Cerglass MFG Inc                            | 07D471K      | 470V, 40/85/21               | EN 61051-1<br>EN 61051-2                        | VDE                                   |
| Components related to mechanical safety: N/A                                     |   |              |                              |   |                                       |
| Components related to functional safety: N/A                                     |   |              |                              |   |                                       |
| Components related to chemical safety: see evaluation sheet in attachment of TRF |   |              |                              |   |                                       |
| Components / material with contact to food: N/A                                  |   |              |                              |   |                                       |
| Components related to cyber security: N/A  |   |              |                              |   |                                       |
| Software revision and third-party libraries of safety or cyber security: N/A     |   |              |                              |   |                                       |
| Supplementary information:<br>License available upon request.                    |   |              |                              |   |                                       |

**Materials / Materialien**

**All materials that are subject to safety-related (e.g. material with contact to food) and/or legally regulated mechanical, electrical, chemical etc. requirements (e.g. limited PAH content)**

Alle Materialien, die mechanischen, elektrischen, chemischen, etc. Anforderungen unterliegen, z.B. Materialien mit Kontakt zu Lebensmitteln, sofern und/oder regulatorisch gefordert (z.B. Begrenzung von PAK-Gehalten)

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Name of Project Handler: Lisa Zhang



**Data form for critical components and material information**

| Kind of component / Bauteil   | Manufacturer / Hersteller | Mechanical, electrical and chemical specification / Mechanische, elektrische und chemische Spezifikation<br>Remarks / Bemerkungen | Test report of an ISO 17025 accredited laboratory / Prüfbericht von einem akkreditierten ISO 17025 Labor |
|---|---------------------------|---|--|
| Refer to PAH evaluation sheet attachment in TRF report for PAH material details |                           |   |  |

**Routine Test (Safety, Security, ...):**

| Model/Type reference: | Tests performed (name of test and test clause): | Test Details:       | Test Points:  | Test Values:                         |
|-----------------------|---|---------------------|---|--------------------------------------|
| Series I:             | EN 50106:2008 and Annex A                       | Dielectric Strength | BI: L/N – Accessible earthed metal parts                  | 1000 Vac                             |
|                       |   |                     | RI: L/N – Enclosure                                       | 2500 Vac                             |
|                       |   | Ground Continuity   | Earthing pin of the plug – Accessible earthed metal parts | 25A, <0.2 Ohm (Ω) (with supply cord) |
|                       |   | Functional test     | Check the appliance function                              | --                                   |

**Signature of the Certification Holder:**

|   |  |
|---|--|
| Name, seal and signature of Certificate Holder: | Mr. Xiong Zijiang  |
| Date:   | 2024-11-15   |

