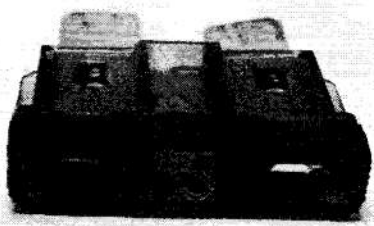


**NON-TRANSFERABLE**
**TEST REPORT**
**No. SHL/239/2018-2019/3000005824/RT/0948**
**Date: 07.03.2019**

|            |                                       |  |
|------------|---------------------------------------|--|
| <b>1.0</b> | <b>NAME AND ADDRESS OF CUSTOMER</b>   | <b>Ultra Wiring Connectivity System Ltd.</b><br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004 |
| <b>2.0</b> | <b>CUSTOMERS LETTER REF.</b>          | Email Dated: 19.02.2019  |
| <b>3.0</b> | <b>DESCRIPTION OF TEST COMPONENT:</b> |  |
| <b>a.</b>  | <b>Name of The Component</b>          | Automotive Fuse  |
| <b>b.</b>  | <b>Name of The Manufacturer</b>       | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004        |
| <b>c.</b>  | <b>Part No./Identification No:</b>    | UF0105   |
| <b>d.</b>  | <b>Type</b>                           | Blade  |
| <b>e.</b>  | <b>Fuse Rating</b>                    | 5A   |
| <b>f.</b>  | <b>Drawing No.</b>                    | Bearing Part No. UF0105; ISSUE:- 0   |
| <b>g.</b>  | <b>Photograph of the component</b>    |   |

**4.0 TEST OBJECTIVE:**

To evaluate performance of electric fuse as per the test- requirements given in Cl. No. 4.3.3 of AIS 028 and Cl. No. 12 (c) of AIS 026.

**5.0 TEST REQUIREMENTS / RESULTS:**



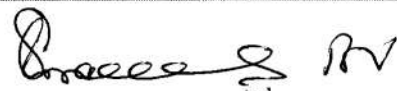
Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1

Table-1

| Sr. No. | Rated current of the fuse | Current supplied to the Fuse at 12 V / 24 V DC | Requirement                                | Observations  |
|---------|---------------------------|--|--|---|
| I.      | 5A                        | 135% of the 6.75A                              | Fuse element shall fuse within 60 seconds. | I) 1 <sup>st</sup> Sample Fused in 2 sec.<br>ii) 2 <sup>nd</sup> Sample Fused in 3 sec.<br>iii) 3 <sup>rd</sup> Sample Fused in 3 sec.<br><b>Observation : Complies</b> |



## TEST REPORT NO. SHL/239/2018-2019/3000005824/RT/0948

| Sr. No.   | Rated current of the fuse   | Current supplied to the Fuse at 12 V / 24 V DC   | Requirement                                | Observations   |
|---|---|--|--|--|
| II  | 5A  | 110% of the rated current i.e. 5.5A  | Fuse element shall not fuse within 60 min. | <i>The fuse element did not fuse when the current of 5.5 was passed through it for 62 minutes.</i><br><b>Observation : Complies</b>                  |
| 6.0   | Test Duration   |  | Start Date:- 27.02.2019                    | End Date:- 27.02.2019  |
| 7.0   | <b>CONCLUSION:</b><br>Blade fuse having ratings of 5A, details are mentioned above sr. no. 3 in this report <b><u>Complies</u></b> with the test requirements when tested as per Cl. No. 4.3.3 of AIS: 028 and Cl. No. 12 (c) of AIS 026. |  |  |  |
| <b>Disclaimer:</b><br>1. ARAI issues Test Reports / Extension Reports / Developmental Test Reports for vehicles/ components/ parts/ assemblies etc. based on the documents produced and/or prototype/ vehicle(s) or sample(s) submitted by the applicant and testing thereof.<br>2. ARAI issues Test Reports / Extension Reports / Developmental Test Reports in compliance to Motor Vehicle Act / Central Motor Vehicles Rules and their provisions as amended from time to time or any other statutory orders under which ARAI is authorised. Other Rules/ Acts are outside the purview/ scope of Test Reports / Extension Reports / Developmental Test Reports.<br>3. Test(s) on prototype/ vehicle(s) or sample(s) is/are carried out on the basis of standard procedures as notified under specific rules / requested by the applicant. Results of such tests are the property of bearer of Test Reports / Extension Reports / Developmental Test Reports. These results cannot be disclosed unless specifically so ordered by Government, Court, etc.<br>4. Unless otherwise supported by a separate Certificate, this Test Reports / Extension Reports / Developmental Test Reports shall not be considered in isolation as valid Type Approval for any vehicle.<br>5. ARAI is not responsible for testing each vehicles/ components/ parts/ assemblies etc. for which Test Reports / Extension Reports / Developmental Test Reports is issued. Further, ARAI is not responsible for ensuring manufacturing quality of the vehicles/ components/ parts/ assemblies etc. for which the Test Reports / Extension Reports / Developmental Test Reports is/are issued.<br>6. ARAI is in no way responsible for any misuse or copying of any design/ type/ system in connection with entire vehicle/ components/ parts and assemblies covered under the Test Reports / Extension Reports / Developmental Test Reports is/are issued.<br>7. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the bearer of Test Reports / Extension Reports / Developmental Test Reports is/are issued and ARAI shall not be liable for any claims or damages. The bearer shall alone be liable for the same, and shall undertake to indemnify ARAI in this regard.<br>8. ARAI has the right, but not under obligation, to initiate cancellation/ withdrawal of the Test Reports / Extension Reports / Developmental Test Reports is/are issued in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ARAI.<br>The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate / Report. |   |  |  |  |
| <b>PREPARED BY</b>  |   | <b>CHECKED BY</b>  |  | <b>APPROVED BY</b>   |
| <br><b>S. N. LONDHE</b><br><b>ENGINEER</b>   |   | <br><b>A.D. DEKATE</b><br><b>DEPUTY GENERAL MANAGER</b> |  | <br><b>A.V. MANNIKAR</b><br><b>SR. DEPUTY DIRECTOR-HoD, SHL</b> |
| Place of Issue: PUNE  |   | Date of Issue: 07.03.2019  |  |  |




**NON-TRANSFERABLE**

**TEST REPORT**

No. SHL/239/2018-2019/3000005824/RT/0949

Date: 07.03.2019

|     |                                |   |
|-----|--------------------------------|---|
| 1.0 | NAME AND ADDRESS OF CUSTOMER   | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004 |
| 2.0 | CUSTOMERS LETTER REF.          | Email Dated: 19.02.2019   |
| 3.0 | DESCRIPTION OF TEST COMPONENT: |   |
| a.  | Name of The Component          | Automotive Fuse   |
| b.  | Name of The Manufacturer       | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004 |
| c.  | Part No./Identification No:    | UF0175  |
| d.  | Type                           | Blade   |
| e.  | Fuse Rating                    | 7.5A  |
| f.  | Drawing No.                    | Bearing Part No. UF0175; ISSUE:- 0  |
| g.  | Photograph of the component    |    |

**4.0 TEST OBJECTIVE:**

To evaluate performance of electric fuse as per the test- requirements given in Cl. No. 4.3.3 of AIS 028 and Cl. No. 12 (c) of AIS 026.

**5.0 TEST REQUIREMENTS / RESULTS:**

Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1

Table-1

| Sr. No. | Rated current of the fuse | Current supplied to the Fuse at 12 V / 24 V DC | Requirement                               | Observations   |
|---------|---------------------------|--|---|--|
| I.      | 7.5A                      | 135% of the 10.125A                            | Fuse element shall fuse within 60 seconds | I) 1 <sup>st</sup> Sample Fused in 22 sec.<br>ii) 2 <sup>nd</sup> Sample Fused in 24 sec.<br>iii) 3 <sup>rd</sup> Sample Fused in 27 sec.<br><b>Observation : Complies</b> |





**TEST REPORT NO. SHL/239/2018-2019/3000005824/RT/0949**

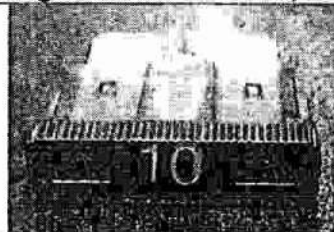
| Sr. No.   | Rated current of the fuse  | Current supplied to the Fuse at 12 V / 24 V DC  | Requirement                                | Observations  |
|---|--|---|--|---|
| II  | 7.5A   | 110% of the rated current i.e. 8.25A  | Fuse element shall not fuse within 60 min. | <i>The fuse element did not fuse when the current of 8.25A was passed through it for 62 minutes.</i><br><b>Observation : Complies</b>                 |
| <b>6.0</b>  | <b>Test Duration</b>   | <b>Start Date:- 27.02.2019</b>  | <b>End Date:- 27.02.2019</b>               |   |
| <b>7.0</b>  | <b>CONCLUSION:</b><br>Blade fuse having ratings of 7.5A, details are mentioned above sr. no. 3 in this report <b>Complies</b> with the test requirements when tested as per Cl. No. 4.3.3 of AIS: 028 and Cl. No. 12 (c) of AIS 026. |   |  |   |
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| <b>PREPARED BY</b>  |  | <b>CHECKED BY</b>   |  | <b>APPROVED BY</b>  |
| <br><b>S. N. LONDHE</b><br><b>ENGINEER</b>   |  | <br><b>A. D. DEKATE</b><br><b>DEPUTY GENERAL MANAGER</b> |  | <br><b>A. V. MANNIKAR</b><br><b>SR. DEPUTY DIRECTOR-HoD, SHL</b> |
| Place of Issue: PUNE  |  | Date of Issue: 07.03.2019   |  |   |

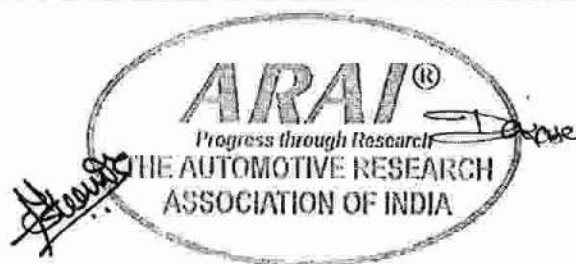
## NON-TRANSFERABLE

### TEST REPORT

No. SHL/239/2018-2019/3000005330/RT/0450

Date: 11.02.2019

|         |  |   |  |  |
|---------|--|---|--|--|
| 1.0     | NAME AND ADDRESS OF CUSTOMER   | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004 |  |  |
| 2.0     | CUSTOMERS LETTER REF.  | Email Dated: 09.01.2019   |  |  |
| 3.0     | DESCRIPTION OF TEST COMPONENT:   |   |  |  |
| a.      | Name of The Component  | Automotive Fuse   |  |  |
| b.      | Name of The Manufacturer   | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004 |  |  |
| c.      | Part No./Identification No:  | U0110F  |  |  |
| d.      | Type   | Blade   |  |  |
| e.      | Fuse Rating  | 10A   |  |  |
| f.      | Drawing No.  | Bearing Part No. U0110F; ISSUE:- 0  |  |  |
| g.      | Photograph of the component  |    |  |  |
| 4.0     | TEST OBJECTIVE:<br>To evaluate performance of electric fuse as per the test- requirements given in Cl. No. 4.3.3 of AIS 028 and Cl. No. 12 (c) of AIS 026. |   |  |  |
| 5.0     | TEST REQUIREMENTS / RESULTS:<br>Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1         |   |  |  |
| Table-1 |  |   |  |  |
| Sr. No. | Rated current of the fuse  | Current supplied to the Fuse at 12 V / 24 V DC  | Requirement                                | Observations   |
| I.      | 10A  | 135% of the 13.5A   | Fuse element shall fuse within 60 seconds. | i) 1 <sup>st</sup> Sample Fused in 27 sec.<br>ii) 2 <sup>nd</sup> Sample Fused in 28 sec.<br>iii) 3 <sup>rd</sup> Sample Fused in 28 sec.<br>Observation : <b>Complies</b> |






**TEST REPORT NO. SHL/239/2018-2019/3000005330/RT/0450**

| Sr. No. | Rated current of the fuse   | Current supplied to the Fuse at 12 V / 24 V DC | Requirement                                | Observations   |
|---------|---|--|--|--|
| II      | 10A   | 110% of the rated current i.e. 11.0A           | Fuse element shall not fuse within 60 min. | The fuse element did not fuse when the current of 11.0A was passed through it for 62 minutes.<br><b>Observation : Complies</b> |
| 6.0     | <b>Test Duration</b>  |  | <b>Start Date:- 29.01.2019</b>             | <b>End Date:- 30.01.2019</b>   |
| 7.0     | <b>CONCLUSION:</b><br>Blade fuse having ratings of 10A, details are mentioned above sr. no. 3 in this report <b>Complies</b> with the test requirements when tested as per Cl. No. 4.3.3 of AIS: 028 and Cl. No. 12 (c) of AIS 026. |  |  |  |

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6. ARAI is in no way responsible for any misuse or copying of any design/ type/ system in connection with entire vehicle/ components/ parts and assemblies covered under the Test Reports / Extension Reports / Developmental Test Reports is/are issued.
7. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the bearer of Test Reports / Extension Reports / Developmental Test Reports is/are issued and ARAI shall not be liable for any claims or damages. The bearer shall alone be liable for the same, and shall undertake to indemnify ARAI in this regard.
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The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate / Report.

| PREPARED BY  | CHECKED BY  | APPROVED BY  |
|--|---|--|
| <br><b>S. N. LONDHE</b><br>ENGINEER | <br><b>A.D. DEKATE</b><br>DEPUTY GENERAL MANAGER | <br><b>A.V. MANNIKAR</b><br>SR. DEPUTY DIRECTOR-HoD,SHL |
| Place of Issue: PUNE   |   | Date of Issue: 9/02/2019   |

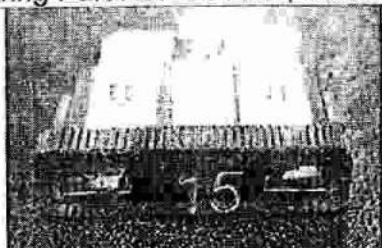


**NON-TRANSFERABLE**

## TEST REPORT

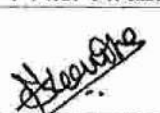

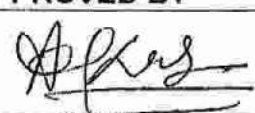
No. SHL/239/2018-2019/3000005330/RT/0451

Date: 11.02.2019

|         |   |   |
|---------|---|---|
| 1.0     | NAME AND ADDRESS OF CUSTOMER  | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004   |
| 2.0     | CUSTOMERS LETTER REF.   | Email Dated: 09.01.2019   |
| 3.0     | DESCRIPTION OF TEST COMPONENT:  |   |
| a.      | Name of The Component   | Automotive Fuse   |
| b.      | Name of The Manufacturer  | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004   |
| c.      | Part No./Identification No:   | U0115F  |
| d.      | Type  | Blade   |
| e.      | Fuse Rating   | 15A   |
| f.      | Drawing No.   | Bearing Part No. U0115F; ISSUE:- 0  |
| g.      | Photograph of the component   |    |
| 4.0     | <b>TEST OBJECTIVE:</b><br>To evaluate performance of electric fuse as per the test- requirements given in Cl. No. 4.3.3 of AIS 028 and Cl. No. 12 (c) of AIS 026. |   |
| 5.0     | <b>TEST REQUIREMENTS / RESULTS:</b><br>Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1         |   |
| Table-1 |   |   |
| Sr. No. | Rated current of the fuse   | Current supplied to the Fuse at 12 V / 24 V DC  |
| I.      | 15A   | 135% of the 20.25A  |
|         |   | Requirement   |
|         |   | Observations  |
|         |   | Fuse element shall fuse within 60 seconds.<br>i) 1 <sup>st</sup> Sample Fused in 17 sec.<br>ii) 2 <sup>nd</sup> Sample Fused in 18 sec.<br>iii) 3 <sup>rd</sup> Sample Fused in 25 sec.<br><b>Observation : <i>Complies</i></b> |



**TEST REPORT NO. SHL/239/2018-2019/3000005330/RT/0451**

| Sr. No.   | Rated current of the fuse   | Current supplied to the Fuse at 12 V / 24 V DC  | Requirement                                | Observations  |
|---|---|---|--|---|
| II  | 15A   | 110% of the rated current i.e. 16.5A  | Fuse element shall not fuse within 60 min. | The fuse element did not fuse when the current of 16.5A was passed through it for 62 minutes.<br><b>Observation : Complies</b>                |
| 6.0   | <b>Test Duration</b>  |   | <b>Start Date:- 29.01.2019</b>             | <b>End Date:- 30.01.2019</b>  |
| 7.0   | <b>CONCLUSION:</b><br>Blade fuse having ratings of 15A, details are mentioned above sr. no. 3 in this report <b>Complies</b> with the test requirements when tested as per Cl. No. 4.3.3 of AIS: 028 and Cl. No. 12 (c) of AIS 026. |   |  |   |
| <b>Disclaimer:</b><br>1. ARAI issues Test Reports / Extension Reports / Developmental Test Reports for vehicles/ components/ parts/ assemblies etc. based on the documents produced and/or prototype/ vehicle(s) or sample(s) submitted by the applicant and testing thereof.<br>2. ARAI issues Test Reports / Extension Reports / Developmental Test Reports in compliance to Motor Vehicle Act / Central Motor Vehicles Rules and their provisions as amended from time to time or any other statutory orders under which ARAI is authorised. Other Rules/ Acts are outside the purview/ scope of Test Reports / Extension Reports / Developmental Test Reports.<br>3. Test(s) on prototype/ vehicle(s) or sample(s) is/are carried out on the basis of standard procedures as notified under specific rules / requested by the applicant. Results of such tests are the property of bearer of Test Reports / Extension Reports / Developmental Test Reports. These results cannot be disclosed unless specifically so ordered by Government, Court, etc.<br>4. Unless otherwise supported by a separate Certificate, this Test Reports / Extension Reports / Developmental Test Reports shall not be considered in isolation as valid Type Approval for any vehicle.<br>5. ARAI is not responsible for testing each vehicles/ components/ parts/ assemblies etc. for which Test Reports / Extension Reports / Developmental Test Reports is issued. Further, ARAI is not responsible for ensuring manufacturing quality of the vehicles/ components/ parts/ assemblies etc. for which the Test Reports / Extension Reports / Developmental Test Reports is/are issued.<br>6. ARAI is in no way responsible for any misuse or copying of any design/ type/ system in connection with entire vehicle/ components/ parts and assemblies covered under the Test Reports / Extension Reports / Developmental Test Reports is/are issued.<br>7. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the bearer of Test Reports / Extension Reports / Developmental Test Reports is/are issued and ARAI shall not be liable for any claims or damages. The bearer shall alone be liable for the same, and shall undertake to indemnify ARAI in this regard.<br>8. ARAI has the right, but not under obligation, to initiate cancellation/ withdrawal of the Test Reports / Extension Reports / Developmental Test Reports is/are issued in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ARAI.<br>The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate / Report. |   |   |  |   |
| <b>PREPARED BY</b>  |   | <b>CHECKED BY</b>   |  | <b>APPROVED BY</b>  |
| <br><b>S. N. LONDHE</b><br>ENGINEER  |   | <br><b>A.D. DEKATE</b><br>DEPUTY GENERAL MANAGER |  | <br><b>A.V. MANNIKAR</b><br>SR. DEPUTY DIRECTOR-HoD, SHL |
| Place of Issue: PUNE  |   | Date of Issue: 31/01/2019   |  |   |




**NON-TRANSFERABLE**

**TEST REPORT**

No. SHL/239/2018-2019/3000005330/RT/0453

Date: 11.02.2019

|     |                                |   |
|-----|--------------------------------|---|
| 1.0 | NAME AND ADDRESS OF CUSTOMER   | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate,<br>Ballabgarh, Faridabad, Haryana-4121004<br>Email Dated: 09.01.2019 |
| 2.0 | CUSTOMERS LETTER REF.          |   |
| 3.0 | DESCRIPTION OF TEST COMPONENT: |   |
| a.  | Name of The Component          | Automotive Fuse   |
| b.  | Name of The Manufacturer       | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate,<br>Ballabgarh, Faridabad, Haryana-4121004                            |
| c.  | Part No./Identification No:    | U0120F  |
| d.  | Type                           | Blade   |
| e.  | Fuse Rating                    | 20A   |
| f.  | Drawing No.                    | Bearing Part No. U0120F; ISSUE:- 0  |
| g.  | Photograph of the component    |    |

4.0 **TEST OBJECTIVE:**  
To evaluate performance of electric fuse as per the test- requirements given in Cl. No. 4.3.3 of AIS 028 and Cl. No. 12 (c) of AIS 026.

5.0 **TEST REQUIREMENTS / RESULTS:**  
Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1

Table-1

| Sr. No. | Rated current of the fuse | Current supplied to the Fuse at 12 V / 24 V DC | Requirement                                | Observations   |
|---------|---------------------------|--|--|--|
| I.      | 20A                       | 135% of the 27.00A                             | Fuse element shall fuse within 60 seconds. | I) 1 <sup>st</sup> Sample Fused in 32 sec.<br>ii) 2 <sup>nd</sup> Sample Fused in 35 sec.<br>iii) 3 <sup>rd</sup> Sample Fused in 40 sec.<br><b>Observation : Complies</b> |



**TEST REPORT NO. SHL/239/2018-2019/3000005330/RT/0453**


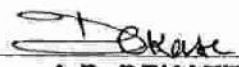
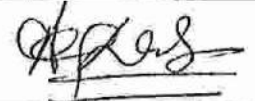
| Sr. No. | Rated current of the fuse | Current supplied to the Fuse at 12 V / 24 V DC | Requirement                                | Observations   |
|---------|---------------------------|--|--|--|
| II      | 20A                       | 110% of the rated current i.e. 22.0A           | Fuse element shall not fuse within 60 min. | The fuse element did not fuse when the current of 22.0A was passed through it for 62 minutes.<br><b>Observation : Complies</b> |
| 6.0     | <b>Test Duration</b>      |  | <b>Start Date:- 29.01.2019</b>             | <b>End Date:- 29.01.2019</b>   |

**7.0 CONCLUSION:**  
Blade fuse having ratings of 20A, details are mentioned above sr. no. 3 in this report **Complies** with the test requirements when tested as per Cl. No. 4.3.3 of AIS: 028 and Cl. No. 12 (c) of AIS 026.

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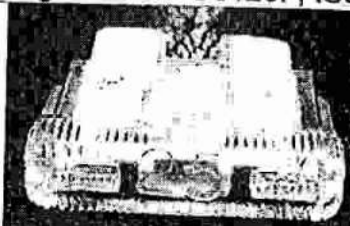
| PREPARED BY  | CHECKED BY  | APPROVED BY   |
|--|---|---|
| <br><b>S. N. LONDHE</b><br>ENGINEER | <br><b>A.D. DEKATE</b><br>DEPUTY GENERAL MANAGER | <br><b>A.V. MANNIKAR</b><br>SR. DEPUTY DIRECTOR-HoD, SHL |
| Place of Issue: PUNE   |   | Date of Issue: 3/02/2019  |

NON-TRANSFERABLE

## TEST REPORT

No. SHL/239/2018-2019/3000005330/RT/0452

Date: 11.02.2019

|     |                                |  |
|-----|--------------------------------|--|
| 1.0 | NAME AND ADDRESS OF CUSTOMER   | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004<br>Email Dated: 09.01.2019 |
| 2.0 | CUSTOMERS LETTER REF.          |  |
| 3.0 | DESCRIPTION OF TEST COMPONENT: |  |
| a.  | Name of The Component          | Automotive Fuse  |
| b.  | Name of The Manufacturer       | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004                            |
| c.  | Part No./Identification No:    | U0125F   |
| d.  | Type                           | Blade  |
| e.  | Fuse Rating                    | 25A  |
| f.  | Drawing No.                    | Bearing Part No. U0125F; ISSUE:- 0   |
| g.  | Photograph of the component    |   |

4.0 TEST OBJECTIVE:  
To evaluate performance of electric fuse as per the test- requirements given in Cl. No. 4.3.3 of AIS 028 and Cl. No. 12 (c) of AIS 026.

5.0 TEST REQUIREMENTS / RESULTS:  
Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1

Table-1

| Sr. No. | Rated current of the fuse | Current supplied to the Fuse at 12 V / 24 V DC | Requirement                                | Observations   |
|---------|---------------------------|--|--|--|
| I.      | 25A                       | 135% of the 33.75A                             | Fuse element shall fuse within 60 seconds. | i) 1 <sup>st</sup> Sample Fused in 30 sec.<br>ii) 2 <sup>nd</sup> Sample Fused in 39 sec.<br>iii) 3 <sup>rd</sup> Sample Fused in 44 sec.<br><b>Observation : Complies</b> |





**TEST REPORT NO. SHL/239/2018-2019/3000005330/RT/0452**

| Sr. No. | Rated current of the fuse | Current supplied to the Fuse at 12 V / 24 V DC | Requirement                                | Observations   |
|---------|---------------------------|--|--|--|
| II      | 25A                       | 110% of the rated current i.e. 27.5A           | Fuse element shall not fuse within 60 min. | The fuse element did not fuse when the current of 27.5A was passed through it for 62 minutes.<br><b>Observation : Complies</b> |
| 6.0     | <b>Test Duration</b>      |  | <b>Start Date:- 29.01.2019</b>             | <b>End Date:- 31.01.2019</b>   |



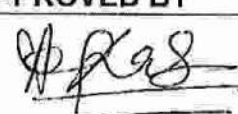
**7.0 CONCLUSION:**

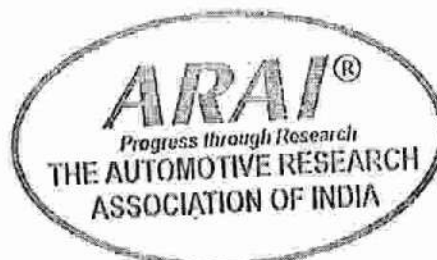
Blade fuse having ratings of 25A, details are mentioned above sr. no. 3 in this report **Complies** with the test requirements when tested as per Cl. No. 4.3.3 of AIS: 028 and Cl. No. 12 (c) of AIS 026.

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| PREPARED BY  | CHECKED BY  | APPROVED BY  |
|--|---|--|
| <br><b>S. N. LONDHE</b><br>ENGINEER | <br><b>A.D. DEKATE</b><br>DEPUTY GENERAL MANAGER | <br><b>A.V. MANNIKAR</b><br>SR. DEPUTY DIRECTOR-HoP,SHL |
| Place of Issue: PUNE   |   | Date of Issue: 3/02/2019   |

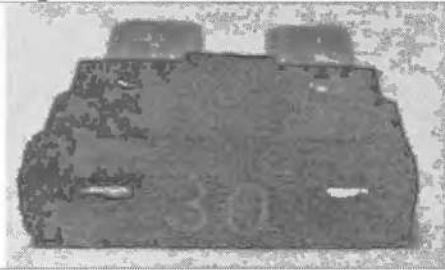


**NON-TRANSFERABLE**

**TEST REPORT**

No. SHL/239/2018-2019/3000005824/RT/0950

Date: 07.03.2019

|         |  |   |  |  |
|---------|--|---|--|--|
| 1.0     | NAME AND ADDRESS OF CUSTOMER   | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004 |  |  |
| 2.0     | CUSTOMERS LETTER REF.  | Email Dated: 19.02.2019   |  |  |
| 3.0     | DESCRIPTION OF TEST COMPONENT:   |   |  |  |
| a.      | Name of The Component  | Automotive Fuse   |  |  |
| b.      | Name of The Manufacturer   | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004 |  |  |
| c.      | Part No./Identification No:  | UF0130  |  |  |
| d.      | Type   | Blade   |  |  |
| e.      | Fuse Rating  | 30A   |  |  |
| f.      | Drawing No.  | Bearing Part No. UF0130; ISSUE:- 0  |  |  |
| g.      | Photograph of the component  |    |  |  |
| 4.0     | TEST OBJECTIVE:<br>To evaluate performance of electric fuse as per the test- requirements given in Cl. No. 4.3.3 of AIS 028 and Cl. No. 12 (c) of AIS 026. |   |  |  |
| 5.0     | TEST REQUIREMENTS / RESULTS:<br>Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1         |   |  |  |
| Table-1 |  |   |  |  |
| Sr. No. | Rated current of the fuse  | Current supplied to the Fuse at 12 V / 24 V DC  | Requirement                                | Observations   |
| I.      | 30A  | 135% of the 40.5A   | Fuse element shall fuse within 60 seconds. | i) 1 <sup>st</sup> Sample Fused in 23 sec.<br>ii) 2 <sup>nd</sup> Sample Fused in 27 sec.<br>iii) 3 <sup>rd</sup> Sample Fused in 29 sec.<br><b>Observation : Complies</b> |





**TEST REPORT NO. SHL/239/2018-2019/3000005824/RT/0950**

| Sr. No. | Rated current of the fuse | Current supplied to the Fuse at 12 V / 24 V DC | Requirement                                | Observations   |
|---------|---------------------------|--|--|--|
| II      | 30A                       | 110% of the rated current i.e. 33A             | Fuse element shall not fuse within 60 min. | The fuse element did not fuse when the current of 33A was passed through it for 62 minutes.<br><b>Observation : Complies</b> |

**6.0 Test Duration**

**Start Date:- 27.02.2019**

**End Date:- 28.02.2019**

**7.0 CONCLUSION:**

Blade fuse having ratings of 30A, details are mentioned above sr. no. 3 in this report **Complies** with the test requirements when tested as per Cl. No. 4.3.3 of AIS: 028 and Cl. No. 12 (c) of AIS 026.

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**PREPARED BY**

**CHECKED BY**

**APPROVED BY**

**S. N. LONDHE  
ENGINEER**

**A.D. DEKATE  
DEPUTY GENERAL MANAGER**

**A.V. MANNIKAR  
SR. DEPUTY DIRECTOR-HoD,SHL**

Place of Issue: PUNE

Date of Issue: 07.03.2019





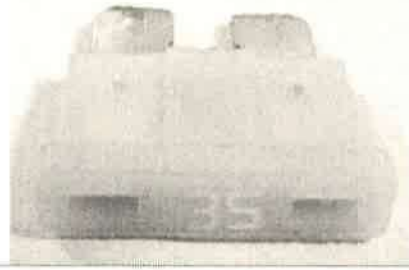
ULR NO.: TC5085211000000022F

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**TEST REPORT**

No. SHL/239/2021-2022/3000019777/TA/3761

Date: 22.11.2021




|                |  |   |  |  |
|----------------|--|---|--|--|
| 1.0            | <b>NAME AND ADDRESS OF CUSTOMER</b>  |   | <b>ULTRA WIRING CONNECTIVITY SYSTEM LTD.</b><br>Plot No. 287- A&B, Sector-59, HSIDC Industrial Estate, Ballabgarh, Faridabad, Haryana - 121004 |  |
|                | Name of Contact Person   |   | Mr. Sanjay Mathur  |  |
|                | Telephone No.  |   | 0129-4000362   |  |
|                | Email ID   |   | ultrafbd@gmail.com   |  |
| 2.0            | <b>CUSTOMERS LETTER REF.</b>   |   | Email Dated: 20.04.2021  |  |
| 2.1            | <b>CSP Receipt Date</b>  |   | 09.11.2021   |  |
| 3.0            | <b>DESCRIPTION OF TEST COMPONENT:</b>  |   |  |  |
| a.             | <b>Name of The Component</b>   |   | Automotive Fuse  |  |
| b.             | <b>Name of The Manufacturer</b>  |   | <b>ULTRA WIRING CONNECTIVITY SYSTEM LTD.</b><br>Plot No. 287- A&B, Sector-59, HSIDC Industrial Estate, Ballabgarh, Faridabad, Haryana - 121004 |  |
| c.             | <b>Identification/Part No.:</b>  |   | UF0135   |  |
| d.             | <b>Type</b>  |   | Blade Fuse   |  |
| e.             | <b>Fuse Rating</b>   |   | 35A  |  |
| f.             | <b>Drawing No.</b>   |   | Bearing Part No. UF0135;ISSUE 0.   |  |
| g.             | <b>Photograph of the component</b>   |   |    |  |
| 4.0            | <b>TEST OBJECTIVE:</b><br>To evaluate performance of electric fuse as per the test requirements given in Cl. No. 4.3.3 of AIS 028 and Cl. No. 12 (c) of AIS 026. |   |  |  |
| 5.0            | <b>TEST REQUIREMENTS / RESULTS:</b><br>Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1        |   |  |  |
| Table-1        |  |   |  |  |
| <b>Sr. No.</b> | <b>Rated current of the fuse</b>   | <b>Current supplied to the Fuse at 12 V / 24 V DC</b> | <b>Requirement</b>   | <b>Observations</b>  |
| I.             | 35 A   | 135% of the 47.25 A                                   | Fuse element shall fuse within 60 seconds.   | I) 1 <sup>st</sup> Sample Fused in 55 Sec.<br>ii) 2 <sup>nd</sup> Sample Fused in 51 Sec.<br>iii) 3 <sup>rd</sup> Sample Fused in 53 Sec.<br><b>Observation : Complies</b> |

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Page 1 of 3

**TEST REPORT NO. SHL/239/2021-2022/3000019777/TA/3761**

| Sr. No.   | Rated current of the fuse  | Current supplied to the Fuse at 12 V / 24 V DC  | Requirement                                | Observations  |
|---|--|---|--|---|
| II  | 35 A   | 110% of the rated current i.e. 38.5 A   | Fuse element shall not fuse within 60 min. | <i>The fuse element did not fuse when the current of 38.5 A was passed through it for 62 minutes.</i><br><b>Observation : Complies</b>            |
| 6.0   | <b>Test Duration</b>   |   | <b>Start Date:- 10.11.2021</b>             | <b>End Date:- 10.11.2021</b>  |
| 7.0   | <b>CONCLUSION:</b><br>Blade fuse having ratings of 35 A, details are mentioned above sr. no. 3 in this report <b>Complies</b> with the test requirements when tested as per Cl. No. 4.3.3 of AIS: 028 and Cl. No. 12 (c) of AIS 026. |   |  |   |
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| <b>PREPARED BY</b>  |  | <b>CHECKED BY</b>   |  | <b>APPROVED BY</b>  |
| <br><b>S. N. LONDHE</b><br>DEPUTY MANAGER  |  | <br><b>A.D. DEKATE</b><br>DEPUTY GENERAL MANAGER |  |  B.V.<br><b>DR. B. V. SHAMSUNDARA</b><br>DEPUTY DIRECTOR-SHL |
| Place of Issue: PUNE  |  | Date of Issue: 22/11/2021   |  |   |



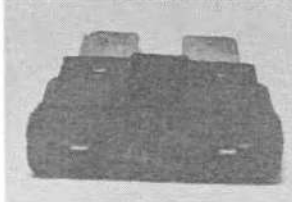


**NON-TRANSFERABLE**

**TEST REPORT**

No. SHL/239/2018-2019/3000005824/RT/0951

Date: 07.03.2019

|         |  |   |  |  |
|---------|--|---|--|--|
| 1.0     | NAME AND ADDRESS OF CUSTOMER   | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004 |  |  |
| 2.0     | CUSTOMERS LETTER REF.  | Email Dated: 19.02.2019   |  |  |
| 3.0     | DESCRIPTION OF TEST COMPONENT:   |   |  |  |
| a.      | Name of The Component  | Automotive Fuse   |  |  |
| b.      | Name of The Manufacturer   | Ultra Wiring Connectivity System Ltd.<br>287-AB, Sector 59, HSIDC Industrial Estate ,<br>Ballabgarh, Faridabad, Haryana-4121004 |  |  |
| c.      | Part No./Identification No:  | UF0140  |  |  |
| d.      | Type   | Blade   |  |  |
| e.      | Fuse Rating  | 40A   |  |  |
| f.      | Drawing No.  | Bearing Part No. UF0140; ISSUE:- 0  |  |  |
| g.      | Photograph of the component  |    |  |  |
| 4.0     | TEST OBJECTIVE:<br>To evaluate performance of electric fuse as per the test- requirements given in Cl. No. 4.3.3 of AIS 028 and Cl. No. 12 (c) of AIS 026. |   |  |  |
| 5.0     | TEST REQUIREMENTS / RESULTS:<br>Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1         |   |  |  |
| Table-1 |  |   |  |  |
| Sr. No. | Rated current of the fuse  | Current supplied to the Fuse at 12 V / 24 V DC  | Requirement                                | Observations   |
| I.      | 40A  | 135% of the 54A   | Fuse element shall fuse within 60 seconds. | I) 1 <sup>st</sup> Sample Fused in 30 sec.<br>ii) 2 <sup>nd</sup> Sample Fused in 34 sec.<br>iii) 3 <sup>rd</sup> Sample Fused in 35 sec.<br><b>Observation : Complies</b> |





**TEST REPORT NO. SHL/239/2018-2019/3000005824/RT/0951**

| Sr. No.   | Rated current of the fuse  | Current supplied to the Fuse at 12 V / 24 V DC   | Requirement                                | Observations   |
|---|--|--|--|--|
| II  | 40A  | 110% of the rated current i.e. 44A   | Fuse element shall not fuse within 60 min. | <i>The fuse element did not fuse when the current of 44A was passed through it for 62 minutes.</i><br><b>Observation : Complies</b>                |
| <b>6.0</b>  | <b>Test Duration</b>   | <b>Start Date:- 27.02.2019</b>   | <b>End Date:- 01.03.2019</b>               |  |
| <b>7.0</b>  | <b>CONCLUSION:</b><br>Blade fuse having ratings of 40A, details are mentioned above sr. no. 3 in this report <b><u>Complies</u></b> with the test requirements when tested as per Cl. No. 4.3.3 of AIS: 028 and Cl. No. 12 (c) of AIS 026. |  |  |  |
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| <br><b>S. N. LONDHE</b><br><b>ENGINEER</b>   |  | <br><b>A.D. DEKATE</b><br><b>DEPUTY GENERAL MANAGER</b> |  | <br><b>A.V. MANNIKAR</b><br><b>SR. DEPUTY DIRECTOR-HoD,SHL</b> |
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