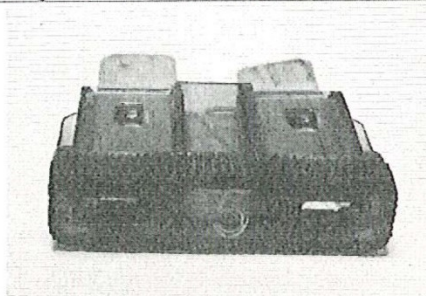
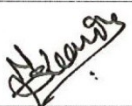

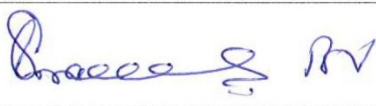


NON-TRANSFERABLE

TEST REPORT				
No. SHL/239/2018-2019/3000005824/RT/0948				
Date: 07.03.2019				
1.0	NAME AND ADDRESS OF CUSTOMER Ultra Wiring Connectivity System Ltd. 287-AB, Sector 59, HSIDC Industrial Estate , 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. 287-AB, Sector 59, HSIDC Industrial Estate , Ballabgarh, Faridabad, Haryana-4121004			
c.	Part No./Identification No: UF0105			
d.	Type Blade			
e.	Fuse Rating 5A			
f.	Drawing No. Bearing Part No. UF0105; 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.	5A	135% of the 6.75A	Fuse element shall fuse within 60 seconds.	I) 1 st Sample Fused in 2 sec. ii) 2 nd Sample Fused in 3 sec. iii) 3 rd Sample Fused in 3 sec. Observation : Complies



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> Observation : Complies
6.0	Test Duration	Start Date:- 27.02.2019	End Date:- 27.02.2019	
7.0	CONCLUSION: Blade fuse having ratings of 5A, 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.			
Disclaimer: 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. 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. 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. 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. 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. 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. 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. 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
				
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



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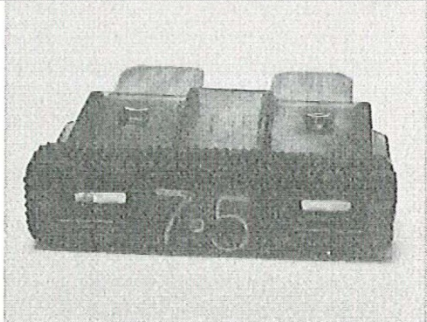
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TEST REPORT

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

Date: 07.03.2019

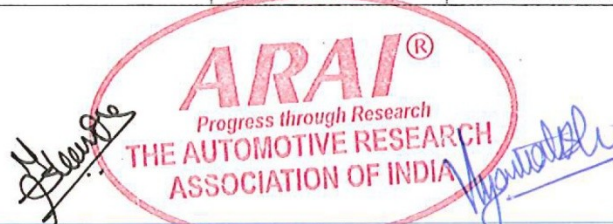
1.0	NAME AND ADDRESS OF CUSTOMER	Ultra Wiring Connectivity System Ltd. 287-AB, Sector 59, HSIDC Industrial Estate , Ballabgarh, Faridabad, Haryana-4121004
2.0	CUSTOMERS LETTER REF.	Email Dated: 19.02.2019
3.0	DESCRIPTION OF TEST COMPONENT:	
a.	Name of The Component	Automotive Fuse
b.	Name of The Manufacturer	Ultra Wiring Connectivity System Ltd. 287-AB, Sector 59, HSIDC Industrial Estate , 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.



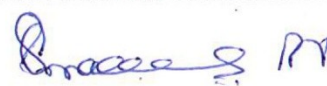
5.0 TEST REQUIREMENTS / RESULTS:
Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1

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 st Sample Fused in 22 sec. ii) 2 nd Sample Fused in 24 sec. iii) 3 rd Sample Fused in 27 sec. Observation : Complies



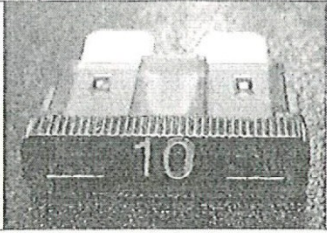
TEST REPORT NO. SHL/239/2018-2019/3000005824/RT/0949

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> Observation : Complies
6.0	Test Duration	Start Date:- 27.02.2019	End Date:- 27.02.2019	
7.0	CONCLUSION: Blade fuse having ratings of 7.5A, 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.			
Disclaimer: 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. 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. 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. 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. 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. 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. 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. 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
				
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: <u>07.03.2019</u>	



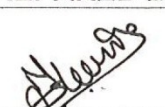

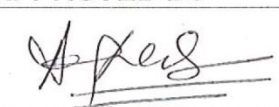
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BLADE FUSE - STANDARD PLUG IN TYPE																																													
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<p>All Dimensions are in "mm", "DO NOT SCALE the Drawing". If in DOUBT, ask.</p>																																													
<p>Page 3 of 3</p>																																													

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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. 287-AB, Sector 59, HSIDC Industrial Estate , 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. 287-AB, Sector 59, HSIDC Industrial Estate , 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: 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.	10A	135% of the 13.5A	Fuse element shall fuse within 60 seconds.	I) 1 st Sample Fused in 27 sec. ii) 2 nd Sample Fused in 28 sec. iii) 3 rd Sample Fused in 28 sec. Observation : Complies



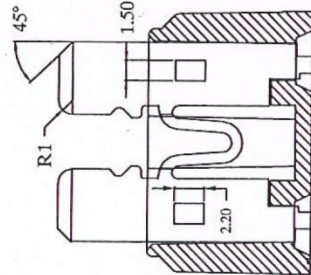
TEST REPORT NO. SHL/239/2018-2019/3000005330/RT/0450

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.	<i>The fuse element did not fuse when the current of 11.0A was passed through it for 62 minutes.</i> Observation : Complies
6.0	Test Duration	Start Date:- 29.01.2019	End Date:- 30.01.2019	
7.0	CONCLUSION: Blade fuse having ratings of 10A, 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: 9/02/2019		

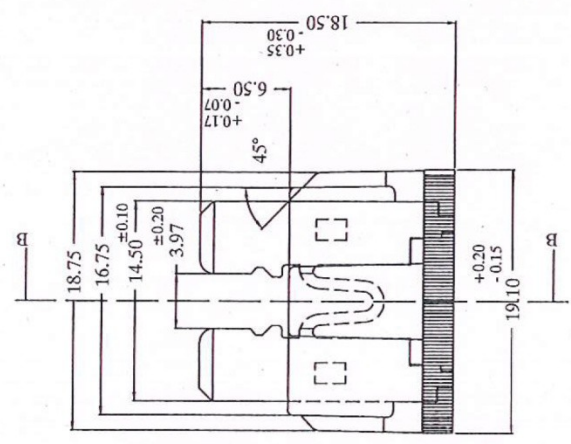
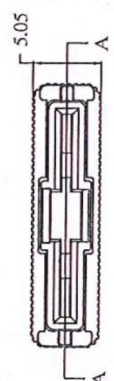


BLADE FUSE - STANDARD PLUG IN TYPE

ISSUE	REVISION	RECORDED	DATE	SIGN.	REVISION	RECORDED	DATE	SIGN.
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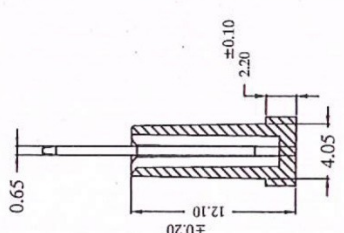
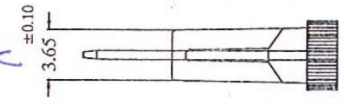


SECTION A-A

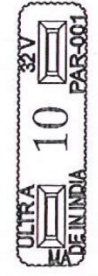


NOMINAL CURRENT RANGE (1)	BODY COLOUR	PART NUMBER
10 AMP	RED	U0110F

SL.NO.	DESCRIPTION	MATERIAL
1.	BODY	POLY CARBONATE
2.	FUSE ELEMENT	ZINC ALLOY



SECTION B-B



DRAWN	CHEK. BY	APP. BY	Scale	MATERIAL:
M-PANGLU	M-PANGLU	M-S.M	1:1	POLYCARBONATE
				U0110F
				BLADE FUSE
				STD
				Ultra Wiring Connectivity System Limited

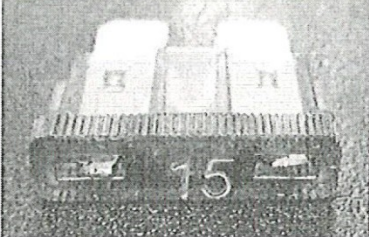
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NON-TRANSFERABLE

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. 287-AB, Sector 59, HSIDC Industrial Estate , 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. 287-AB, Sector 59, HSIDC Industrial Estate , 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 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.

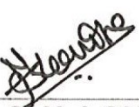


5.0 TEST REQUIREMENTS / RESULTS:
Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1

Table-1

Sr. No.	Rated current of the fuse	Current supplied to the Fuse at 12 V / 24 V DC	Requirement	Observations
i.	15A	135% of the 20.25A	Fuse element shall fuse within 60 seconds.	i) 1 st Sample Fused in 17 sec. ii) 2 nd Sample Fused in 18 sec. iii) 3 rd Sample Fused in 25 sec. Observation : Complies



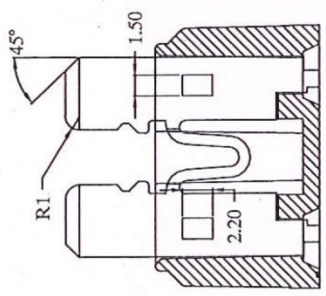
TEST REPORT NO. SHL/239/2018-2019/3000005330/RT/0451

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.	<i>The fuse element did not fuse when the current of 16.5A was passed through it for 62 minutes.</i> Observation : Complies
6.0	Test Duration	Start Date:- 29.01.2019	End Date:- 30.01.2019	
7.0	CONCLUSION: Blade fuse having ratings of 15A, 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.			
Disclaimer:				
<ol style="list-style-type: none"> 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. 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. 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. 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. 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. 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. 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. <p>The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate / Report.</p>				
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: 9/01/2019	

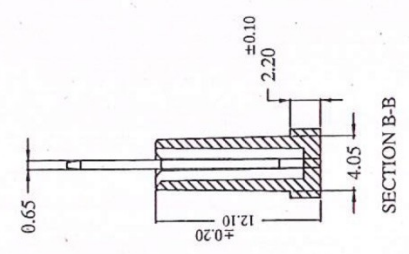


BLADE FUSE - STANDARD PLUG IN TYPE

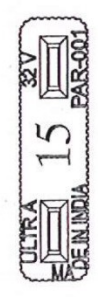
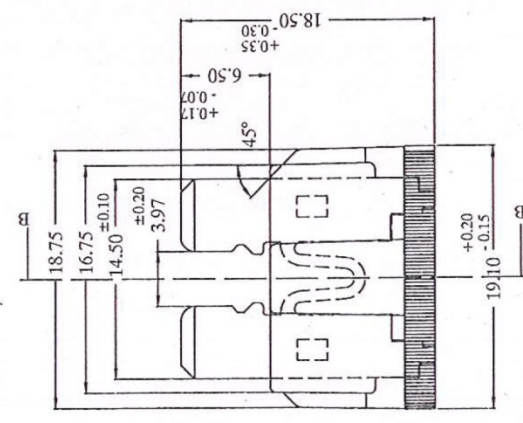
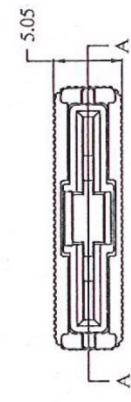
ISSUE	REVISION RECORD	DATE	SIGN.	REVISION RECORD	DATE
0	ORIGINAL ISSUE	10-3-2017			



SECTION A-A



SECTION B-B



NOMINAL CURRENT RANGE (I)	BODY COLOUR	PART NUMBER
15 AMP	BLUE	U0115F

SL NO.	DESCRIPTION	MATERIAL
1.	BODY	POLYCARBONATE
2.	FUSE ELEMENT.	ZINC ALLOY

DRAWN	CHECK. BY	APP. BY	Scale	MATERIAL	POLYCARBONATE
Mr. PANKAJ	Mr. PANKAJ	Mr. S.M	1:1	PART NO.	U0115F
				PART NAME	BLADE FUSE
				DRAWING NO.	STD
				THIRD ANGLE PROJECTION	Ultra Wiring Connectivity System Limited

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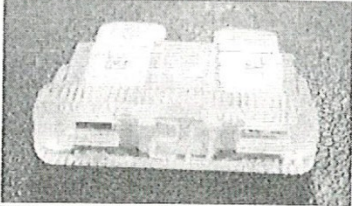
NON-TRANSFERABLE

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. 287-AB, Sector 59, HSIDC Industrial Estate , 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. 287-AB, Sector 59, HSIDC Industrial Estate , 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.

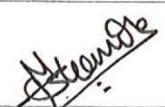

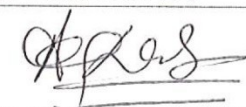
5.0 **TEST REQUIREMENTS / RESULTS:**
Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1

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 st Sample Fused in 32 sec. ii) 2 nd Sample Fused in 35 sec. iii) 3 rd Sample Fused in 40 sec. Observation : Complies



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

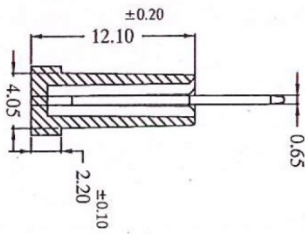
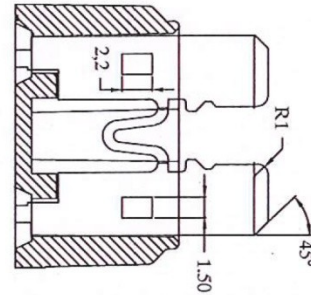
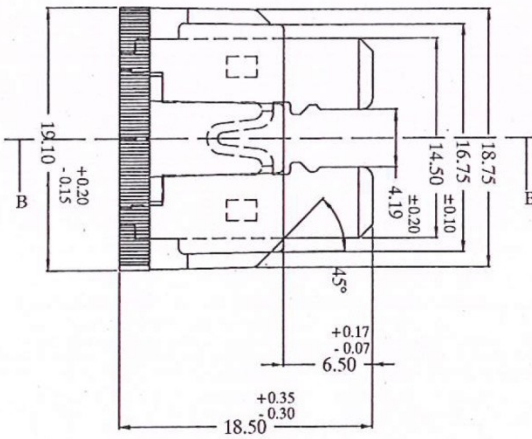
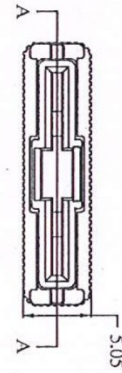
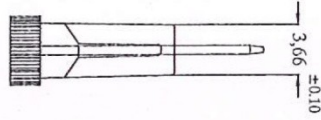
Sr. No.	Rated current of the fuse	Current supplied to the Fuse at 12 V / 24 V DC	Requirement	Observations
II	20A	110% of the rated current i.e. 22.0A	Fuse element shall not fuse within 60 min.	<i>The fuse element did not fuse when the current of 22.0A was passed through it for 62 minutes.</i> Observation : Complies
6.0	Test Duration	Start Date:- 29.01.2019		End Date:- 29.01.2019
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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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
				
S. N. LONDHE ENGINEER		A.D. DEKATE DEPUTY GENERAL MANAGER		A.V. MIANNIKAR SR. DEPUTY DIRECTOR-HoD, SHL
Place of Issue: PUNE			Date of Issue: 3/02/2019	



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BLADE FUSE - STANDARD PLUG IN TYPE



DESIGN	CHD. BY	APP. BY	Scale	MATERIAL
Mr. PANKAJ	Mr. RAJINDER	Mr. S.M.	1:1	POLY CARBONATE
THIRD ANGLE PROJECTION				UWS
DRAWING NO.				U0120F
PART NAME				BLADE FUSE
STD				U0120F
Ultra Wiring Connectivity System Limited				

SL.NO.	DESCRIPTION	MATERIAL	PART NUMBER
1.	BODY	POLY CARBONATE	U0120F
2.	FUSE ELEMENT	ZINC ALLOY	

NOMINAL CURRENT RANGE (1)	BODY COLOUR	PART NUMBER
20 AMP	YELLOW	U0120F



ISSUE	REVISION	RECORD	DATE	SIGN.	REVISION	RECORD	DATE	SIGN.
0	ORIGINAL	ISSUE	10-3-2017					

NON-TRANSFERABLE

TEST REPORT

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

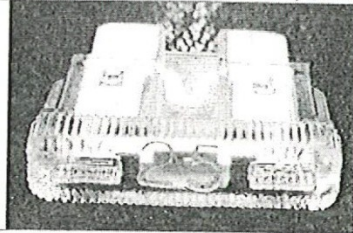
Date: 11.02.2019

1.0 NAME AND ADDRESS OF CUSTOMER
Ultra Wiring Connectivity System Ltd.
287-AB, Sector 59, HSIDC Industrial Estate ,
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.
287-AB, Sector 59, HSIDC Industrial Estate ,
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 st Sample Fused in 30 sec. ii) 2 nd Sample Fused in 39 sec. iii) 3 rd Sample Fused in 44 sec. Observation : Complies



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


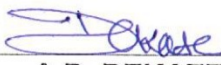
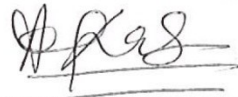
Sr. No.	Rated current of the fuse	Current supplied to the Fuse at 12 V / 24 V DC	Requirement	Observations
II	25A	110% of the rated current i.e. 27.5A	Fuse element shall not fuse within 60 min.	<i>The fuse element did not fuse when the current of 27.5A was passed through it for 62 minutes.</i> Observation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

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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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.
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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
		
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: 3/02/2019	

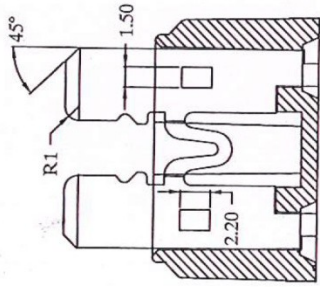


BLADE FUSE - STANDARD PLUG IN TYPE

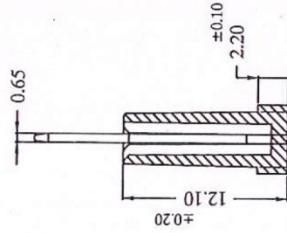


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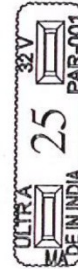
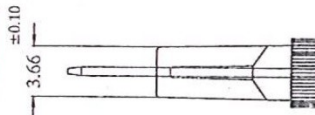
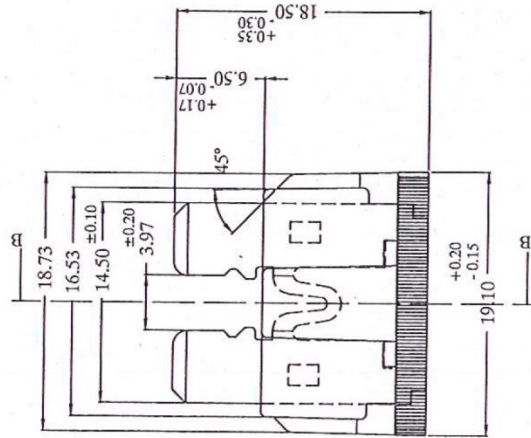
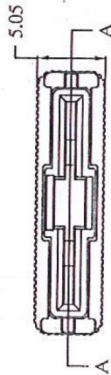
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SECTION A-A



SECTION B-B



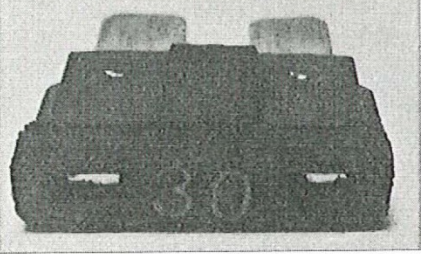
NOMINAL CURRENT RANGE (1)	BODY COLOUR	PART NUMBER
25 AMP	WHITE	U0125F

SL.NO.	DESCRIPTION	MATERIAL
1.	BODY	POLY CARBONATE
2.	FUSE ELEMENT.	ZINC ALLOY

DRAWN	CHEK. BY	APP. BY	Scale	MATERIAL
M.PANKAJ	M.-RATINDER	M.-S.M	1:1	POLY CARBONATE
DRAWING NO. UVS				PART NO. U0125F
THIRD ANGLE PROJECTION				PART NAME. BLADE FUSE
				STD Ultra Wiring Connectivity System Limited

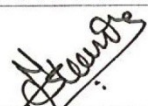
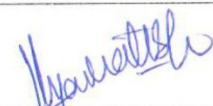
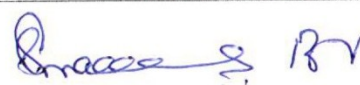
All Dimensions are in "mm". DO NOT SCALE the Drawing. If in DOUBT, ask. This drawing is the property of ULTRA WIRING CONNECTIVITY SYSTEMS LTD. and may not be reproduced or copied in any manner or used for any purpose other than for which it is supplied without prior written permission.

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. 287-AB, Sector 59, HSIDC Industrial Estate , 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. 287-AB, Sector 59, HSIDC Industrial Estate , 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: 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.	30A	135% of the 40.5A	Fuse element shall fuse within 60 seconds.	I) 1 st Sample Fused in 23 sec. ii) 2 nd Sample Fused in 27 sec. iii) 3 rd Sample Fused in 29 sec. Observation : Complies



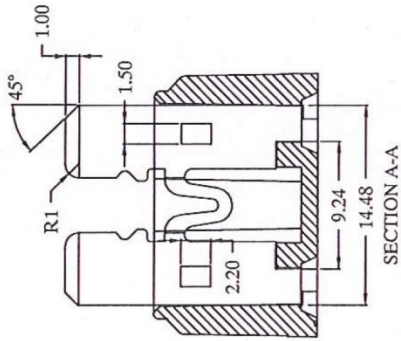
TEST REPORT NO. SHL/239/2018-2019/3000005824/RT/0950

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.	<i>The fuse element did not fuse when the current of 33A was passed through it for 62 minutes.</i> Observation : Complies
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: <u>07.03.2019</u>	

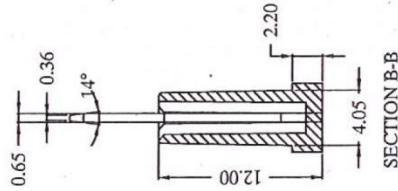


BLADE FUSE - STANDARD PLUG IN TYPE

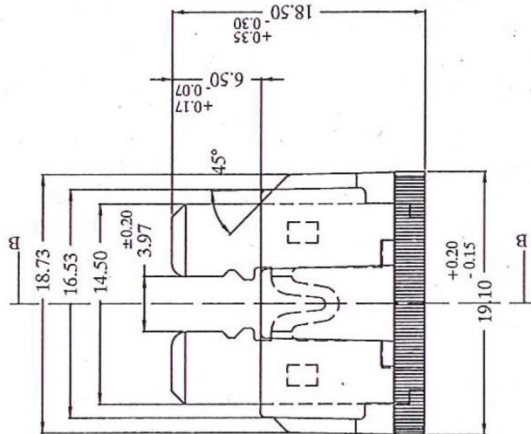
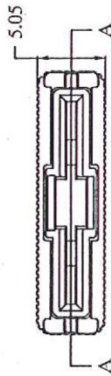
18	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
REVISION RECORD	DATE	SIGN.	REVISION RECORD	DATE	ISSUE	ORIGINAL ISSUE									
	10-3-2017				0										



SECTION A-A



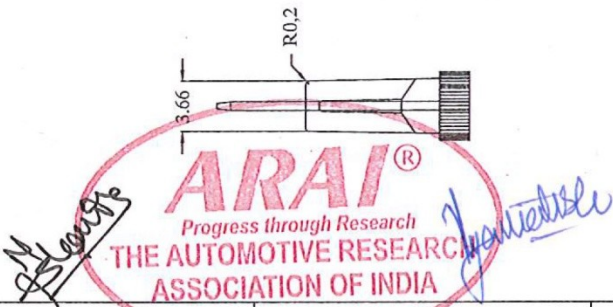
SECTION B-B



NOMINAL CURRENT RANGE (1)	BODY COLOUR	PART NUMBER
30 AMP	GREEN	UFD130

SL NO.	DESCRIPTION	MATERIAL
1.	BODY	POLY CARBONATE
2.	FUSE ELEMENT.	ZINC ALLOY

DRAWN	CHEK. BY	APP. BY	Scale	MATERIAL	POLY CARBONATE
Mc-PANDEJ	Mc-RAVINDER	Mc-S.M	1:1	PART NO.	UFD130
				PART NAME	BLADE FUSE
				DRAWING NO.	STD
				THIRD ANGLE PROJECTION	Ultra Wiring Connectivity System Limited



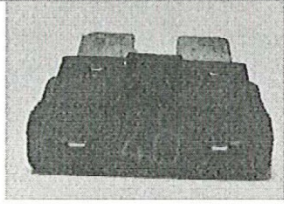
All Dimensions are in "mm", "DO NOT SCALE" the Drawing. If in DOUBT, ask. This drawing is the property of ULTRA WIRING CONNECTIVITY SYSTEM LTD. and may not be reproduced or copied in any manner or used for any purpose other than for which it is supplied without prior written permission.

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. 287-AB, Sector 59, HSIDC Industrial Estate , 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. 287-AB, Sector 59, HSIDC Industrial Estate , 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:
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.

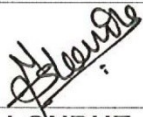
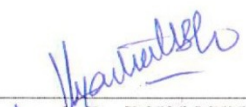

5.0 TEST REQUIREMENTS / RESULTS:
Requirements of AIS 028 Cl. No. 4.3.3 and Cl. No. 12 (c) of AIS 026 for electrical fuse are given below in Table-1

Table-1

Sr. No.	Rated current of the fuse	Current supplied to the Fuse at 12 V / 24 V DC	Requirement	Observations
I.	40A	135% of the 54A	Fuse element shall fuse within 60 seconds.	I) 1 st Sample Fused in 30 sec. ii) 2 nd Sample Fused in 34 sec. iii) 3 rd Sample Fused in 35 sec. Observation : Complies



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> Observation : Complies
6.0	Test Duration	Start Date:- 27.02.2019	End Date:- 01.03.2019	
7.0	CONCLUSION: Blade fuse having ratings of 40A, 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: <u>07.03.2019</u>



