

NON TRANSFERABLE

TEST REPORT

No.SHL/239/2008-09/3002/0973

Date: 30.09.2008

1.0 NAME AND ADDRESS OF THE CUSTOMER : Protectron Electromech (P) Ltd ,
D-11-14 Brigade MM,
7th Block, Jayanagar, K.R. Road,
Bangalore,
Karnataka 560 070

2.0 CUSTOMER LETTER REF. : Letter Ref. No Nil
Dt. 06.09.2008

3.0 DESCRIPTION OF COMPONENT :

Electrical fuse Part No.: PTF 200 5A

As informed by the customer, Electrical fuses having 5 Amps ratings are manufactured by M/s Protectron Electromech (P) Ltd. Bangalore

Drawing of electrical fuse having 5 amps rating bearing Part No. PTF 200 5A Rev. No A is attached herewith.

4.0 TEST OBJECTIVE :

To evaluate performance of electric fuse as per the test requirements given in AIS 026 Cl. No. 12 (c) & AIS 028 Cl. No. 4 3 3

5.0 TEST REQUIREMENTS / RESULTS:

Requirements of AIS 026 Cl. No. 12 (c) & AIS 028 Cl. No. 4 3 3 for electrical fuse are given in Table-1 on Page No. 2



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Table-1

Sr. No.	Rated current of the fuse	Current supplied to the Fuse at 12 V /24 V DC	Requirement	Observations
1	5 Amps	135% of the rated current i.e. 6.75 A	Fuse element shall fuse within 60 seconds.	Fuse element fused within 60 sec when current of 6.7 A passed through the fuse i) 1 st Sample Fused in 20 sec. ii) 2 nd Sample Fused in 16 sec iii) 3 rd Sample Fused in 14 sec.
		110% of the rated current i.e. 5.5 A	Fuse element shall not fuse within 60 min.	No fusing observed when current of 5.5 A is passed through the fuse for 60 minutes.

6.0 CONCLUSION:

Electric fuse (5 A) bearing Part No. PTF 200 5A; manufactured and submitted by M/s Protection Electromech (P) Ltd Bangalore, meets the test requirements when tested as per AIS 026 Cl. No. 12 (c) & AIS 028 Cl. No. 4.3.3

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Place of Issue: PUNE

Date of Issue: 20/09/08

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