

CENTRAL POWER RESEARCH INSTITUTE

Switchgear Testing & Development Station
Govindpura, Bhopal-23

SUPPLEMENTARY TEST LABORATORY PROVISIONAL TEST REPORT

Test Report No & Date : 2012/STL/ 1192 **21 SEP 2012**

Customer his reference and address : M/s Samcon Industrial Controls Pvt. Ltd.,
112, Krishna Building , Laxmi Industrial Estate,
Nartak Nagar, Thane(W)-400 606.

Manufacturer, his reference & address : M/s Samcon Industrial Controls Pvt. Ltd.,
Plot No.20, 22 & 23, Survey No.165 A/2&3,
Oswal Industrial Estate,
NH-3, Village-Asangaon,
Tal Shahapur, Dist. Thane-421 601.

Particulars of apparatus tested : 415V, 3200 A/630 A Draw out MCC/PCC Panel
Designation : Nil
Type : Drawout
Identification No./Sample Code No. : STDSST212S1033
Sl.No. : SIC/IP/12
Drawing No.(s) : List of drawing no. SIC/IP52/12/00 Rev 01
(Total 4 drgs. including list of drg.)

Date (s) of test (s) : 19.9.12 & 20.9.12
No.of samples tested : One
Test conducted : Degree of protection IP-54
Particulars of test conducted : The above test was conducted on the sample as per
standard. Small traces of powder observed inside the sample at the bottom and in all the
compartments after IP-5X test. Small traces of water observed inside the sample in front side
drawout trolley compartments and moderate quantity of water observed at the bottom surface after IP-
X4 test.The equipment withstood the HV test at 2.5 kVrms for one minute between all live parts
connected together and body after each test.

Test in accordance with standard/specification : IS: 8623 (Part-1), 1993/ IEC Pub-439-1, 1985

Customer's requirement/Deviations if any : Nil
Name of the Witnessing person :
Customer's representative : Mr. Vishal V.Bahua, Design Engineer
Other than Customer's representative : Nil


TEST ENGINEER

Note:

- This is only a provisional report. The final test report along with drawings and other documents will be issued separately.
- The results are not binding on the testing authority until the final test report is issued.
- Corrections/erasing invalidate the test report.


ENGG.OFFICER GR.4

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Engineering Officer Gr.-IV
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Switchgear Testing & Development Station
गोविन्दपुरा, भोपाल - 462023
Govindpura, BHOPAL - 462 023

CENTRAL POWER RESEARCH INSTITUTE

Switchgear Testing & Development Station

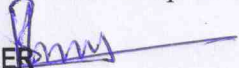
Govindpura, Bhopal- 23

SUPPLEMENTARY TEST LABORATORY

PROVISIONAL TEST REPORT

121 SEP 2012

Test Report No. & Date : 2012/STL/1157
Customer his reference and address : M/s Samcon Industrial Controls Pvt. Ltd.,
Plot No.20, 22 & 23, Survey No.165 A/2&3,
Oswal Industrial Estate,
NH-3, Village-Asangaon,
Tal Shahapur, Dist. Thane-421 601.
Manufacturer, his reference & address : M/s Samcon Industrial Controls Pvt. Ltd.,
Plot No.20, 22 & 23, Survey No.165 A/2&3,
Oswal Industrial Estate,
NH-3, Village-Asangaon,
Tal Shahapur, Dist. Thane-421 601.
Particulars of apparatus tested : 415 V, 630 A/3200 A , Drawout LT Panel,
MCC cum PCC
Designation : Nil
Type : Drawout
Identification No./Sample code No. : STDSST212S1033
Sl.No. : SIC/TR/12
Drawing No.(s)(Under revision) : As per drawing No. SIC/TR/12/INDEX Rev 01
Date (s) of test (s) : 10.9.2012 to 13.9.2012
No.of samples tested : One
Test conducted : Verification of temperature rise limits on
(1)VBB through HBB (2) D/O trolley power
contact 630 A through copper link (3)D/O trolley
power contact 400 A through copper link (4) D/O
trolley power contacts 160A, 250A & 63A through
copper link.
Particulars of test conducted : The above test was conducted on the sample at
630 A on VBB and 630 A, 400 A, 160A, 250A & 63 A on D/O power contacts and the results
obtained were within the limits as specified in the standard and specified by the customer. After
temperature rise test the sample withstood the HV test at 2.5 kVrms for 1 minute in all the conditions
as per standard.
Test in accordance with standard/ specifications : As per customer's requirement and procedure
generally followed as per IS : 8623, (Part-1), 1993.
Customer's requirement/deviations if any : **Requirement:** Maximum temperature rise limit on
busbar & joints shall be 70 K declared by the customer as specified in the standard
Deviation : (1) 3200 A HBB will not be tested, only O/G units (D/O trolleys) will be tested.
(2) Temporary connection used 50 x 10 mm Copper bus bar for outgoing 630 A in D/O trolley power
contacts.
Name of the Witnessing person
Customer's representative : Mr.B.G.Tejam, Sr.Engineer
Other than Customer's representative : Mr.P.H.Kakade, Design Engineer

TEST ENGINEER 


ENGG.OFFICER GR.4

Note:

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