

TEST REPORT
NEMA 250 - 2020
Enclosures for Electrical Equipment
(1000 Volts maximum)

Report reference No.....: 2407012STO-202
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Testing laboratory

Name.....: Intertek Semko AB
 Address.....: Torshamnsgatan 43, 164 22 Kista, SWEDEN
 Testing location.....: As above
 Test date.....: 23 August – 12 September 2018

Client

Name.....: MCT BRATTBERG AB
 Address.....: Lyckeåborg, 371 92 Karlskrona , Sweden

Test specification

Standard.....: NEMA 250 - 2020
 Specified Test.....: Type 4X, Type 12

Equipment Under Test (EUT)

Type of test object.....: Multi Cable/ Pipe Transit
 Arrival date of EUT.....: -
 Model/Article No.....: RGS, RGB and RGG
 S/N.....: -

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General remarks:

Multi Cable/Pipe Transit tested for NEMA 250-2014 1st Edition, Type 4X and Type 12 MCT Brattberg AB Multi Cable/Pipe Transit system is a rectangular multi-cable penetration system consisting of a frame filled with MCT Insert Blocks (Standard Block, Handiblock, AddBlock, U-Block and Spareblock), Stayplates and STG Endpacking with compression plate or PTG Presswedge. Investigation for ingress of water and dust were performed after each test. Note from manufacturer; The frame RGG and RGB tested is considered the weakest version of the variants. The smallest window and the largest, filled with a variety of block modules made from Lycron A with mechanical and electrical services through the smallest and largest modules. Our opinion is that the packing set is of interest for ingress test not the frame. EUT is considered worst case and is also applicable for other variations, intermediate sizes and combinations. MCT Brattberg has developed and manufactured Multi cable transits since the 1950's and supplied many governments and projects for construction, electrical, oil & gas and military sites.

“(see remark #)” refers to a remark appended to the report.

“(see appended table)” refers to a table appended to the report.

Throughout this report a point is used as the decimal separator.

The test results presented in this report relate only to the object tested.

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Possible test case verdicts:

Test case does not apply to the test object : N/A (Not Applicable)

Test object does meet the requirement : P (Pass)

Test item does not meet the requirement : F (Fail)

Test case has not been checked : Not Checked

Summary of tests according to NEMA 250:

Conclusion of the Hose down test : Pass

Conclusion of the Gasket test : Pass