

ASSESSMENT AND TEST REPORT

Report Number: MTEx 1082/20.0265

POWER PROCESS SYSTEMS
P.O. BOX 4172
SOUTHGATE
2082

Date: 20 August 2020
Client Reference: COD
Revision: 0

1. Standard (s) used

Testing was conducted in accordance with the following standards:

| | |
|----------------------------|--|
| NRS 032: 2012 | Service distribution boxes- Pole mounted types for overhead single-phase AC service connections at 230V. |
| IEC 60695-2-10:2013 | Fire hazard testing - Part 2-10: Glowing/hot-wire based test methods - Glow-wire apparatus and common test procedure |

2. APPARATUS PROPERTIES

Manufacturer : Power Process Systems
Type of product : Pole Mount Enclosure Polyethylene

The sample consisted of a 150mm x 150mm x 3.5mm piece of grey Linear Low Density Polyethylene (LLDPE) moulded non-metallic material,



Test conducted

Glow wire test

Procedure

The test was conducted using glow wire apparatus described in section 5 of IEC 60695-2-10:2000.

The test was conducted as per test procedure described in section 8 of IEC 60695-2-10:2000.

| | | |
|--|-----------|---|
| Reviewed by + signature (ExTL): | J. Venter |  |
| Approved by + signature (ExCB): (MTEx Laboratories Technical Signatory) | H. de Wet |  |

Results

| Sample number | Glow wire temperature | Result/ Conclusion |
|----------------------|------------------------------|---------------------------|
| 1 | 650°C | Pass |
| 2 | 700°C | Pass |
| 3 | 750°C | Pass |
| 4 | 800°C | Fail |

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MTEEx Laboratories takes no responsibility for any non-conforming tests / assessments / results which is not in compliance with the relative Standards. By marking the equipment as mentioned in the documentation, the manufacturer takes full responsibility that the equipment has indeed complied with the original type assessment and has been subjected to any routine verification(s) / test(s) respectively.

End Of Report