

## 1H95 MINERAL INSULATED CABLE DATA SHEET

|  |   |   |
|--|---|---|
| <b>Cable reference bare</b>  | <b>CC1H95</b>                             |   |
| <b>Cable reference served (LSZH low smoke zero halogen material)</b> | <b>CCM1H95 various colours</b>            |   |
| <b>Manufacturer</b>  | <b>Wrexham Mineral Cables</b>             |   |
| <b>Cables manufactured to</b>  | <b>BSEN 60702-1:2002</b>                  |   |
| <b>Cable type</b>  | <b>Mineral Insulated Cable</b>            |   |
| <b>Cable voltage rating</b>  | <b>750 VOLTS</b>                          |   |
| <b>Insulation</b>  | <b>Compressed magnesium oxide</b>         |   |
| <b>Conductor</b>   | <b>Plain annealed copper</b>              |   |
| <b>Number of conductors</b>  | <b>1</b>                                  |   |
| <b>Nominal conductor mm<sup>2</sup></b>                              | <b>95 mm<sup>2</sup></b>                  |   |
| <b>Current rating</b>  | <b>Bare 237.5 (amps)</b>                  | <b>Served 264 (amps)</b>                    |
| <b>Voltage drop</b>  | <b>0.41 (per amp / per metre mv)</b>      |   |
| <b>Sheath cross section area</b>                                     | <b>32 (Effective mm<sup>2</sup>)</b>      |   |
| <b>Earth Fault Loop Impedance @ 70°C</b>                             | <b>0.619 (R1 + R2) OHMS / km</b>          |   |
| <b>Maximum conductor resistance</b>                                  | <b>0.193 OHMS PER 1000 METRES AT 20°C</b> |   |
| <b>Cable diameter bare / covered</b>                                 | <b>15.40 mm Bare</b>                      | <b>17.70 mm Served</b>                      |
| <b>Approximate longest coil</b>                                      | <b>170 m</b>                              |   |
| <b>Approximate weight per 1000m</b>                                  | <b>Bare 1326 kg</b>                       | <b>Served 1416 kg</b>                       |
| <b>Accessories</b>   |   |   |
| <b>Gland size reference:</b>   | <b>RGM 1H95/25 (RPS) only</b>             |   |
| <b>Plain seal kit</b>  | <b>RPS1H95</b>                            |   |
| <b>Earth tail seal kit</b>   | <b>N/A</b>                                |   |
| <b>One hole clip reference Bare and LSZH coated</b>                  | <b>Bare – RC59</b>                        | <b>Served – RCHL67<br/>Various colours</b>  |
| <b>Two way saddle reference Bare and LSZH coated</b>                 | <b>Bare – RS632</b>                       | <b>Served – RSFL702<br/>Various colours</b> |
| <b>Shroud</b>  | <b>PVC –<br/>Various colours</b>          | <b>LSZH – RHGMM25<br/>Various colours</b>   |
| <b>Conductor insulating sleeving (followed by mm size)</b>           | <b>Standard sleeving RZP</b>              | <b>Extension sleeving RZE</b>               |
| <b>Brass locknuts</b>  | <b>RLM 25</b>                             |   |
| <b>Zinc plated steel lock washer</b>                                 | <b>RLWS 25</b>                            |   |
| <b>Complete straight through joint</b>                               | <b>RJMZ 25</b>                            |   |