

### 3H4 MINERAL INSULATED CABLE DATA SHEET

<b>Cable reference bare</b>	<b>CC3H4</b>	
<b>Cable reference served (LSZH low smoke zero halogen material)</b>	<b>CCM3H4</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>3</b>	
<b>Nominal conductor mm<sup>2</sup></b>	<b>4mm<sup>2</sup></b>	
<b>Current rating</b>	<b>Bare 33(amps)</b>	<b>Served 37 (amps)</b>
<b>Voltage drop</b>	<b>9.1 (per amp / per metre mv)</b>	
<b>Sheath cross section area</b>	<b>17 (Effective mm<sup>2</sup>)</b>	
<b>Earth Fault Loop Impedance @ 70°C</b>	<b>7.041 (R1 + R2) OHMS / km</b>	
<b>Maximum conductor resistance</b>	<b>4.61 OHMS PER 1000 METRES AT 20°C</b>	
<b>Cable diameter bare / covered</b>	<b>10.40mm Bare</b>	<b>12.10 mm Served</b>
<b>Approximate longest coil</b>	<b>650m</b>	
<b>Approximate weight per 1000m</b>	<b>Bare 452kg</b>	<b>Served 495kg</b>
<b>Accessories</b>		
<b>Gland size reference:</b>	<b>RGM3H4/20 (RPS) RGM3H4/25 (RPSL)</b>	
<b>Plain seal kit</b>	<b>RPS3H4</b>	
<b>Earth tail seal kit</b>	<b>RPSL3H4</b>	
<b>One hole clip reference Bare and LSZH coated</b>	<b>Bare – RC40</b>	<b>Served – RCHL47 Various colours</b>
<b>Two way saddle reference Bare and LSZH coated</b>	<b>Bare – RS422</b>	<b>Served – RSFL502 Various colours</b>
<b>Shroud</b>	<b>PVC RHG20 Various colours</b>	<b>LSZH – RHGMM20 / 25 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 20 / 25</b>	
<b>Zinc plated steel lock washer</b>	<b>RLWS 20 / 25</b>	
<b>Complete straight through joint</b>	<b>RJMZ 20 / 25</b>	