

1H240 MINERAL INSULATED CABLE DATA SHEET

Cable reference bare	CC1H240	
Cable reference served (LSZH low smoke zero halogen material)	CCM1H240 various colours	
Manufacturer	Wrexham Mineral Cables	
Cables manufactured to	BSEN 60702-1:2002	
Cable type	Mineral Insulated Cable	
Cable voltage rating	750 VOLTS	
Insulation	Compressed magnesium oxide	
Conductor	Plain annealed copper	
Number of conductors	1	
Nominal conductor mm²	240 mm²	
Current rating	Bare 411 (amps)	Served 457 (amps)
Voltage drop	0.21 (per amp / per metre mv)	
Sheath cross section area	70 (Effective mm²)	
Earth Fault Loop Impedance @ 70°C	0.297 (R1 + R2) OHMS / km	
Maximum conductor resistance	0.0775 OHMS PER 1000 METRES AT 20°C	
Cable diameter bare / covered	23.30 mm Bare	26.10 mm Served
Approximate longest coil	60 m	
Approximate weight per 1000m	Bare 3146 kg	Served 3312 kg
Accessories		
Gland size reference:	RGM 1H240/40 (RPS) only	
Plain seal kit	RPS1H185	
Earth tail seal kit	N/A	
One hole clip reference Bare and LSZH coated	Bare – RC88	Served – RCHL101 Various colours
Two way saddle reference Bare and LSZH coated	Bare – RS932	Served – RSFL1042 Various colours
Shroud	PVC – Various colours	LSZH – RHGMM40 Various colours
Conductor insulating sleeving (followed by mm size)	Standard sleeving RZP	Extension sleeving RZE
Brass locknuts	RLM 40	
Zinc plated steel lock washer	RLWS 40	
Complete straight through joint	RJMZ 40	