

EIB 1 Quad LSHF Green Technical Datasheet

Part No: 31000501QH

Description: EIB systems allow the operation and control of heating, lighting and air conditioning

among others to be aligned with external climate conditions or adjusted by an interface to

pre-set levels





Construction

Conductor Material : Bare Copper, (1/0.8mm)
Pair Insulation Material : Polyethylene (PE)

Number of Pairs ::

Fillers : Cotton Thread
Overall Tape : Polyester

Drain Wire : Tinned Copper (7/0.16mm)

Overall Screen : Overall Aluminium Foil (100% Coverage)
Sheath Material : Low Smoke Halogen Free (LSHF)

Sheath Colour : Green

Core Identification : Red & Black

Electrical Characteristics

 $\label{eq:conductor} \mbox{Nominal Conductor Resistance} \qquad : < 37.7 \ \mbox{Ω/km$} \\ \mbox{Insulation Resistance} \qquad : > 200 \mbox{$M$$\Omega$.M} \\ \mbox{}$

Voltage Rating : 450/750 V Applies to CE marked FSC branded stock only

Test Voltage : 2.5kV for 5 minutes

Physical Characteristics

Standards

Flame Retardant : BS EN 60332-1-2
Low Smoke Generation : BS EN 61034-2
Halogen Gas Emission : BS EN 60754-1&2
CE Compliant : LVD (2014/35/EU)

RoHS2 Compliant : Yes

FS Cables Tel: 01727 840 841 sales@fscables.com www.fscables.com

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Author: AF Checked: GB
Page Number: 1 of 1