

MODULAR WIRING TECHNICAL DATA

CABLE	BASEC approved BS7211 LSOH 6491B
NETWORK CABLE	Typically Belden 8719, 8471
FLEXIBLE CONDUIT	GALVANISED STEEL to BSEN50086
CONNECTOR HOUSINGS	GALVANISED STEEL to BSEN10142:200
CONNECTORS	Polyamide 6./6 UL94-VO Halogen Free
CLAMPING SPRING	Stainless Steel
VOLTAGE RATING	400V/6kV/3.IEC60664
CURRENT RATING	Lighting and fan coil systems: up to 25A Underfloor power:32A
THROUGH RESISTANCE	20A & 32A Systems 0.5m ohms between male and female contacts.
PROTECTION CLASS	IP20 for connectors
PLUGGABLE CYCLES	200 Cycles without load, 100 cycles with resistive load
INSERTION FORCE	Approximately 20-40 N
WITHDRAWAL FORCE	Approximately 20-35 N
RETENTION FORCE	>120 N with locking device
MISMATING PROTECTION	100% protected against mis-mating connectors having different number of poles, 180 degree mis-mating, staggered, mis-mating and mating of one pole connectors
CONTINUOUS TEMPERATURE	Cable @ 70 degrees C / Insulating Components 105 degrees C
GENERAL NOTES	First make/ last break earth contact. Insertion and withdrawal is possible under load in accordance with DIN VDE0628

IMPORTANT: Information contained in this datasheet is subject to change at any time without notice. Installation guides are available on our website (www.lightingcontrols.ltd.uk) or call us on 01252 470 027.