

VITM 4-Pole and BVITM6-Pole | Luminaire Leads

VITM4 offers the 4 pole connectors whilst the BVITM6 uses the 6 pole blue and black keyed plug/socket connectors.

They are designed for connection to the CP Vitesse Modular wiring system. The BVITM6 also connects to lighting control systems such as Vitesse Plus (VITP7) and Rapid network lighting control LCM modules. These are flex cables with stranded cores ideal for mounting where some freedom of movement during installation is expected.



4-Pole Luminaire leads



4-Pole Black keyed plug to free end LSF leads

Switched luminaire leads - White hood

Part number	Description	Lead colours	Notes
VITM4L3##100W ## = 01, 02, 03, 05, 08, 10 metre	4-pole, 3 core, 1.0mm	Switched Live = brown Neutral = blue Earth = green / yellow	For normal switched luminaires



4-Pole Black keyed plug to free end LSF leads

Emergency luminaire leads - Red Hood

Part number	Description	Lead colours	Notes
VITM4L3##100R-EM ## = 03, 05, 08 metre	4-pole, 3 core, 1.0mm	Neutral = blue Earth = green / yellow Permanent Live = black	For non-switched emergency luminaires
VITM4L4##100R ## = 01, 03, 04, 05, 08, 10 metre	4-pole, 4 core, 1.0mm	Switched Live = brown Neutral = blue Earth = green / yellow, Permanent Live = black	For switched emergency luminaires



4-Pole Black keyed male to female extender link LSF leads

Part number	Description	Hood colour
VITM4-3-LL-## ## = 03, 05, 08 metre	4-pole, 3 core, 1.5mm	White hood
VITM4-4-LL-## ## = 03, 05, 07, 08, 09, 11 metre	4-pole, 4 core, 1.5mm	Red hood

6-Pole Luminaire leads

6-Pole Blue & Black keyed plug to free end LSF leads

Switched luminaire leads - White hood



Part number	Description	Lead colours	Notes
BVITM6L3###100W ### = 01, 03, 05, 08, 10, 12 metre	6-pole, 3 core, 1.0mm	Switched Live = brown Neutral = blue Earth = green / yellow	For normal switched luminaires
BVITM6L5###100W ### = 01, 03, 05, 08, 10, 12 metre	6-pole, 5 core, 1.0mm	Switched Live = brown Neutral = blue Earth = green / yellow Dim + = red Dim - = white	For normal switched dimmable luminaires

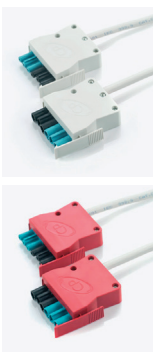
6-Pole Blue & Black keyed plug to free end LSF leads

Emergency luminaire or permanently fed leads - Red hood



Part number	Description	Lead colours	Notes
BVITM6L3###100R-EM ### = 01, 03, 05, 08, 10, 12 metre	6-pole, 3 core, 1.0mm	Neutral = blue Earth = green/yellow Permanent Live = black	For non-switched emergency luminaires
BVITM6L4###100R ### = 03, 05, 08 metre	6-pole, 4 core, 1.0mm	Switched Live = brown Neutral = blue Earth = green / yellow Permanent Live = black	For switched emergency luminaires
BVITM6L5###100R-EM ### = 05 metre	6-pole, 5 core, 1.0mm	Neutral = blue Earth = green / yellow Permanent Live = black Dim + = red Dim - = white	For dimmable DALI permanent fed normal or emergency luminaires
BVITM6L6###100R ### = 01, 02, 03, 05, .07, 08, 12 metre	6-pole, 6 core, 1.0mm	Switched Live = brown Neutral = blue Earth = green / yellow Permanent Live = black Dim + = red Dim - = white	For switched dimmable emergency luminaires

6-Pole Blue & Black keyed male to female LSF flex extender link leads.



Part number	Description	Hood colour
BVITM6-3-LL-## ### = 01, 02, 03, 05, 08 metre	6-pole, 3 core, 1.5mm	White hood
BVITM6-4-LL-## ### = 01, 02, 03, 05, 08 metre	6-pole, 4 core, 1.5mm	Red hood
BVITM6-5-LL-## ### = 01, 02, 03, 05, 08, 10 metre	6-pole, 5 core, 1.5mm	White hood
BVITM6-5-LL-##-R ### = 03, 05 metre	6-pole, 5 core, 1.5mm	Red hood
BVITM6-6-LL-## ### = 01, 02, 03, 05, 08, 10 metre	6-pole, 6 core, 1.5mm	Red hood

Specifications

Conductor	Stranded type, Class 5 flexible copper to EN60228
Rated voltage	300 / 500 V AC
Electrical Properties	19,5 ohms/km at 20°C
Connector properties	16A/250v at 70°C (to EN 60 320, EN 61 984)
Temperature range	5 to 60°C
Max temperature	150°C at short circuit
Continuous working temperature	100°C
Compliance	Flame and fire retardant. Low emission of halogenidric acids. IEC 332.3 Cat C, EN50267-2-1, RoHS 2011/65/UE
Application	Suitable for fixed or flexible connections in typical commercial and industrial applications
Ferrules	Overall diameter Nominal is 1.35+/-0.05mm
Minimum internal bend radius	9 x overall diameter
Max mechanical stress	5 kg/sq mm
Insulation	Thermoplastic polyvinyl chloride type R2
Sheath	Thermoplastic polyvinyl chloride type TM2
Connector Mouldings	Polyamide 6.6
IP rating	IP40 when connected, IP20 when disconnected

Cable type Quantity & core size	Mean cable outer diameter (mm)	Indicative weight of cable (g/m)	Current ratings with ambient at lower than 30°C (A)	
			Free movement	Fixed install
3 x 1mm	6.90+/-0.2	76	6	7
4 x 1mm	8.00+/-0.2	104	10	11
5 x 1mm	8.35+/-0.2	118	10	11
6 x 1mm	9.10+/-0.2	140	10	11
3 x 1.5mm	7.90+/-0.2	104	16	17.5
4 x 1.5mm	9.00+/-0.2	138	16	17.5
5 x 1.5mm	10.00+/-0.2	169	16	17.5
6 x 1.5mm	10.55+/-0.2	193	16	17.5



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