

# Four Way and Eight Way Moulded Block

## Data Sheet



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# About GrayBar

GrayBar is a UK based specialist manufacturer of products for the rail industry, with an impressive portfolio of products that have received PADS approval from Network Rail.

We have collaborated very closely with Network Rail and leading Contractors to be the only UK supplier of Self Regulating Points Heating Systems, coupled with cutting edge Signalling Distribution Systems and the largest range of Rail Approved Cable Accessories in the industry for use on UK, Irish and European rail, Underground and Tramway infrastructures.

GrayBar have successfully designed and manufactured many innovative products to support both Network Rail and TFL in their pursuit of working towards a safer and cost effective Rail Network.

## Points & Heating

Our Self Regulating Points Heating Systems and Conductor rail heating systems boasts all control Gear and Transformers in one cubicle, reducing both cost and installation time, and is fully approved by Network Rail and London Underground.

GrayBar manufacture a full range of heating systems for AC, DC and third rail applications, along with junction boxes and all types of heater strips.

## GRP Distribution Systems

Specialising in GRP Cable management products, we offer high integrity lightweight distribution systems. These include enclosures, integrated plinths with full cable management, posts and wall mounting solutions.

## 10 Year Product & System Warranty

GrayBar's Self-Regulating Heaters have a 40 year service life. It is for this reason that we include a 10 year product and system warranty on our Self-Regulating Heaters.

## PADS Approved

PADS approved products from GrayBar include:

- Full Points Heating Systems
- GRP Dis Boxes, Pedestals and Cable Management Systems
- Cable Accessories, including Power, Signalling and Axle Counter Joint Kits
- Track Kits
- Identification
- Full range of Heat Shrink, Brass and Compression Glands

We can offer a full in-house engineering, design and commissioning package, when it comes to choosing your Points Heating or GRP Dis Box requirements. GrayBar can also compliment this by offering specialist components and consumables, making it easy to buy everything from one source.

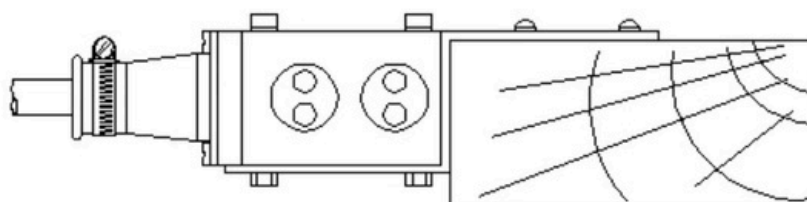


## TDS - Data Sheet

## PRODUCT DATA SHEET

## Graybar Point Heating moulded junction block range

4 Way &amp; 8 Way Range of Moulded Blocks



	Materials	Technical	Product range
	Black -EPR Rubber	Flame retardant, IP67, Fully Waterproof. Has either 4 or 8 moulded in sockets for heater tail cables ( can vary in length to suit requirements) Joint is cable equivalent to type, exceeds cable	GBK1700 – 054/088726 GBK1101 – 055/027679 GBK1234 – 055/027676 GBK1294 – 055/027677 GBK1295 – 055/027678
	4-WAY BLOCK or 8 WAY	Joint - 2100 Psi. Cable is terminated within a rubber shroud and jubilee clamped. Cable range 1.5 to -6.0sqmm Good	
Mechanical strength	Tensile strength = Strong bonded	Good to excellent None	
Physical Properties	Resistance against Chemicals Water Absorption Fluid resistance Penetration H <sub>2</sub> O	ASTM D149	
Electrical Properties	Dielectric Strength – 21Kv/mm		
GrayBar Part Number	See Product Catalogue	Has NR Pads App	GB Ref: Has LUL approval

**Certificate of conformity:**

The product components contained in the kits shown comply where applicable with specification, drawings & instructions for power signalling accessories using approved components which have the appropriate PADS number assigned

Date as issued on document	Authorised SC Ford Senior Technical Support Manager	Ori- Aug 1991 Re- issue1, 11/03/2021
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## Moulded Harness Blocks

GrayBar Ref.	Description	PADS No.
GBK1238/5	Harness Block, 4 Way, with 5m Cable	055/020816
GBK1238/10	Harness Block, 4 Way, with 10m Cable	055/020817
GBK1238/15	Harness Block, 4 Way, with 15m Cable	055/020818
GBK1238/20	Harness Block, 4 Way, with 20m Cable	055/020819
GBK1238/25	Harness Block, 4 Way, with 25m Cable	





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