

Points Heating & Conductor Rail Heating Materials**Point Heater Kits**

All GrayBar Self-Regulating Point Heater Kits are packaged in an easy to carry, lightweight box.

Complete Heater Kits For Full Depth Points 113lb Flat Bottom Rail with Slotted Chair Blocks – UK Railtrack Infrastructure, Heater voltage 110/120 Volts.



GrayBar and Railtrack Part Numbers	Description	Point Size
GBK 120/RT/113/05 RT PAD:055/020852	0.5m 120 Volt Heater and Accessories (Pack of 10)	N/a
GBK 120/RT/113/A4 RT PAD:055/020829	113lb 120 Volt Full Depth Heater Kit with slotted J Blocks	AV
GBK 120/RT/113/B4 RT PAD:055/020830	113lb 120 Volt Full Depth Heater Kit with slotted J Blocks	BV
GBK 120/RT/113/C5 RT PAD:055/020831	113lb 120 Volt Full Depth Heater Kit with slotted J Blocks	CV
GBK 120/RT/113/D6 RT PAD:055/020832	113lb 120 Volt Full Depth Heater Kit with slotted J Blocks	DV
GBK 120/RT/113/E8 RT PAD:055/020833	113lb 120 Volt Full Depth Heater Kit with slotted J Blocks	EV
GBK 120/RT/113/F10 RT PAD:055/020834	113lb 120 Volt Full Depth Heater Kit with slotted J Blocks	FV
GBK 120/RT/113/SG RT PAD:055/020835	113lb 120 Volt Full Depth Heater Kit with slotted J Blocks	SGV
GBK 120/RT/113/G14 RT PAD: 055/020836	113lb 120 Volt Full Depth Heater Kit with slotted J Blocks	GV
GBK 120/RT/113/H18 RT PAD:055/020837	113lb 120 Volt Full Depth Heater Kit with slotted J Blocks	HV

Note: When ordering for use in conjunction with clamplocks please add the suffix of C. I.e. GBK 120/RT/U54/G14 becomes GBK 120/RT/U54/G14C when kit includes clamplocks.

Also available: Heater Kits with 230 Volt rated heaters

All of the above Heater Kits are available in 230 Volts. When ordering please substitute the GBK 120 suffix with GBK 230. I.e. for 230 Volt version of GBK 120/RT/113/A4 order GBK 230/RT/113/A4

Points Heating & Conductor Rail Heating Materials

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All GrayBar Self-Regulating Point Heater Kits are packaged in an easy to carry, lightweight box.

Complete Heater Kits For Full Depth Points 113lb Flat Bottom Rail with Non-Slotted Chair Blocks – UK Railtrack Infrastructure, Heater Voltage 110/120 Volts.



GrayBar and Railtrack Part Numbers	Description	Point Size
GBK 120/RT/113/05 RT PAD:055/020852	0.5m 120 Volt Heater and Accessories (Pack of 10)	N/a
GBK 120/RT/113/AV RT PAD:055/020820	113lb 120 Volt Full Depth Heater Kit with non-slotted J Blocks.	AV
GBK 120/RT/113/BV RT PAD:055/020821	113lb 120 Volt Full Depth Heater Kit with non-slotted J Blocks.	BV
GBK 120/RT/113/CV RT PAD:055/020822	113lb 120 Volt Full Depth Heater Kit with non-slotted J Blocks.	CV
GBK 120/RT/113/DV RT PAD:055/020823	113lb 120 Volt Full Depth Heater Kit with non-slotted J Blocks.	DV
GBK 120/RT/113/EV RT PAD:055/020824	113lb 120 Volt Full Depth Heater Kit with non-slotted J Blocks.	EV
GBK 120/RT/113/FV RT PAD:055/020825	113lb 120 Volt Full Depth Heater Kit with non-slotted J Blocks.	FV
GBK 120/RT/113/SGV RT PAD:055/020826	113lb 120 Volt Full Depth Heater Kit with non-slotted J Blocks.	SGV
GBK 120/RT/113/GV RT PAD: 055/020827	113lb 120 Volt Full Depth Heater Kit with non-slotted J Blocks.	GV
GBK 120/RT/113/HV RT PAD:055/020828	113lb 120 Volt Full Depth Heater Kit with non-slotted J Blocks.	HV

Note: When ordering for use in conjunction with clamplocks please add the suffix of C. I.e. GBK 120/RT/113/GV becomes GBK 120/RT/113/GVC when kit includes clamplocks.

Also available: Heater Kits with 230 Volt rated heaters

All of the above Heater Kits are available in 230 Volt. When ordering please substitute the GBK 120 suffix with GBK 230. I.e. for 230 Volt version of GBK 120/RT/113/A4 order GBK 230/RT/113/A4

Points Heating & Conductor Rail Heating Materials

Point Heater Kits

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Complete Heater Kits for Shallow Depth Points with UIC54 Rail Section Heater voltage 120 Volts.



GrayBar and Railtrack Part Numbers	Description	Point Size
GBK 120/RT/U54/A4 RT PAD:055/020838	UIC54 120 Volt Shallow Depth Heater Kit	AV
GBK 120/RT/U54/B4 RT PAD:055/020839	UIC54 120 Volt Shallow Depth Heater Kit	BV
GBK 120/RT/U54/C5 RT PAD:055/020840	UIC54 120 Volt Shallow Depth Heater Kit	CV
GBK 120/RT/U54/D6 RT PAD:055/020841	UIC54 120 Volt Shallow Depth Heater Kit	DV
GBK 120/RT/U54/E8 RT PAD:055/020842	UIC54 120 Volt Shallow Depth Heater Kit	EV
GBK 120/RT/U54/F10 RT PAD:055/020843	UIC54 120 Volt Shallow Depth Heater Kit	FV
GBK 120/RT/U54/SG RT PAD:055/020844	UIC54 120 Volt Shallow Depth Heater Kit	SGV
GBK 120/RT/U54/G14 RT PAD:055/020845	UIC54 120 Volt Shallow Depth Heater Kit	GV
GBK 120/RT/U54/H18 RT PAD: 055/020846	UIC54 120 Volt Shallow Depth Heater Kit	HV

Note: When ordering for use in conjunction with clamplocks please add the suffix of C. I.e. GBK 120/RT/U54/G14 becomes GBK 120/RT/U54/G14C when kit includes clamplocks.

Note: When ordering for use in conjunction with HPSS point machines please replace the length suffix with H. I.e. GBK 120/RT/U54/G14 for HPSS becomes GBK 120/RT/U54/GH.

Also available: Heater Kits with 230 Volt rated heaters

All of the above Heater Kits are available in 230 Volt. When ordering please substitute the GBK 120 field with GBK 230. I.e. for a 230 Volt version of GBK 120/RT/U54/A4 order GBK 230/RT/U54/A4.

Points Heating & Conductor Rail Heating Materials**Point Heater Kits**

All GrayBar Self-Regulating Point Heater Kits are packaged in an easy to carry, lightweight box.



Complete Heater Kits for Shallow Depth Points RT60 (UIC60) Rail Section Heater Voltage 120 Volts.

GrayBar and Railtrack Part Numbers	Description	Point Size
GBK 120/RT/U60/A5	RT60 (UIC60) 120 Volt Shallow Depth Heater Kit	AV
GBK 120/RT/U60/B5	RT60 (UIC60) 120 Volt Shallow Depth Heater Kit	BV
GBK 120/RT/U60/C6	RT60 (UIC60) 120 Volt Shallow Depth Heater Kit	CV
GBK 120/RT/U60/D7	RT60 (UIC60) 120 Volt Shallow Depth Heater Kit	DV
GBK 120/RT/U60/E9	RT60 (UIC60) 120 Volt Shallow Depth Heater Kit	EV
GBK 120/RT/U60/F11	RT60 (UIC60) 120 Volt Shallow Depth Heater Kit	FV
GBK 120/RT/U60/SG14	RT60 (UIC60) 120 Volt Shallow Depth Heater Kit	SGV
GBK 120/RT/U60/G16	RT60 (UIC60) 120 Volt Shallow Depth Heater Kit	GV
GBK 120/RT/U60/H	RT60 (UIC60) 120 Volt Shallow Depth Heater Kit	HV

Note: When ordering for use in conjunction with clamplocks please add the suffix of C. I.e. GBK 120/RT/U60/G16 becomes GBK 120/RT/U60/G16C when kit includes clamplocks.

Note: When ordering for use in conjunction with HPSS point machines please replace the length suffix with H. I.e. GBK 120/RT/U60/G16 for HPSS becomes GBK 120/RT/U60/GH.

Also available: Heater Kits with 230 Volt rated heaters

All of the above Heater Kits are available in 230 Volts. When ordering please substitute the GBK 120 suffix with GBK 230. I.e. for 230 Volt version of GBK 120/RT/U60/A5 order GBK 230/RT/U60/A5

Points Heating & Conductor Rail Heating Materials**Point Heater Kits**

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Complete Heater Kits for Bullhead Rail Points, UK Railtrack and London Underground Ltd Infrastructure.

GrayBar and Railtrack Part Numbers	Description	Point Size
GBK 120/RT/95BH/A RT PAD:055/020847	95lb 120 Volt Bullhead Heater Kit	AV
GBK 120/RT/95BH/B RT PAD:055/020848	95lb 120 Volt Bullhead Heater Kit	BV
GBK 120/RT/95BH/C RT PAD:055/020849	95lb 120 Volt Bullhead Heater Kit	CV
GBK 120/RT/95BH/D RT PAD:055/020850	95lb 120 Volt Bullhead Heater Kit	DV

Note: When ordering for use in conjunction with clamplocks please add the suffix of C. I.e. GBK 120/RT/95BH/D becomes GBK 120/RT/95BH/DC when kit includes clamplocks.

Also available: Heater Kits with 230 Volt rated heaters

All of the above Heater Kits are available in 230 volts. When ordering please substitute the GBK120 suffix with GBK230. I.e. for 230 volt version of GBK 120/RT/95BH/A order GBK 230/RT/95BH/A

Points Heating & Conductor Rail Heating Materials**Block Heaters**

Supplied complete with integral Self-Regulating heater element and fixing clips.

Typical applications – Supplementary signal detection block heating and point mechanisms.

**Block Heaters: 120 Volts**

GrayBar and Railtrack Part Numbers	Description	Point Size
GBK 1324/120 RT PAD:055/020851	Rectangular block heater. 400 watts max. power rating	N/a

Block Heaters: 230 Volts

The Block Heater above is available in 230 volts.

When ordering please substitute the 120 suffix with 230. I.e. for 230 Volt version of GBK 1324/120 order GBK 1324/230

Points Heating & Conductor Rail Heating Materials**Control Cubicles**

Stainless Steel (316) Control Cubicles including temperature/weather controller and integrated strip heater 110v power transformers.

Individual contactor per transformer, high quality internals and space envelope for RCM included.

**Stainless Steel Control Cubicles**

GrayBar and Railtrack Part Numbers	Description	Cubicle Size (mm)
GB/AR1/1 RT PAD:055/020803	Single Phase 1 Transformer Stainless Steel Control Cubicle	970 w x 2050 h x 542 d
GB/AR1/2 RT PAD:055/020804	Single Phase 2 Transformer Stainless Steel Control Cubicle	970 w x 2050 h x 542 d
GB/AR3/2 RT PAD:055/020805	Three Phase 2 Transformer Stainless Steel Control Cubicle	970 w x 2050 h x 542 d
GB/AR1/3 RT PAD:055/020806	Single Phase 3 Transformer Stainless Steel Control Cubicle	970 w x 2050 h x 542 d
GB/AR3/3 RT PAD:055/020807	Three Phase 3 Transformer Stainless Steel Control Cubicle	970 w x 2050 h x 542 d
GB/AR3/4 RT PAD:055/020808	Three Phase 4 Transformer Stainless Steel Control Cubicle	970 w x 2050 h x 542 d
GB/AR3/5 RT PAD:055/020809	Three Phase 5 Transformer Stainless Steel Control Cubicle	970 w x 2050 h x 542 d
GB/AR3/6 RT PAD:055/020810	Three Phase 6 Transformer Stainless Steel Control Cubicle	970 w x 2050 h x 542 d
GB/AR3/7 RT PAD:055/020811	Three Phase 7 Transformer Stainless Steel Control Cubicle	970 w x 2050 h x 542 d
GB/AR3/8 RT PAD:055/020812	Three Phase 8 Transformer Stainless Steel Control Cubicle	970 w x 2050 h x 542 d

Points Heating & Conductor Rail Heating Materials**Sub-Distribution Splitter Panels**

Stainless Steel (316) Sub-Distribution Splitter Panel incorporating master control circuit breaker with auxiliary output circuit breakers. Built to customers specifications.

**Stainless Steel Splitter Panels**

GrayBar and Railtrack Part Numbers	Description	Cubicle Size (mm)
GBK 1400 RT PAD:055/020801	Stainless Steel Splitter Panel 1 x Input with 2 x Outputs	1500 w x 2045 h x 542 d
GBK 1401 RT PAD:055/020802	Stainless Steel Splitter Panel 1 x Input with 3 x Output	1500 w x 2045 h x 542 d

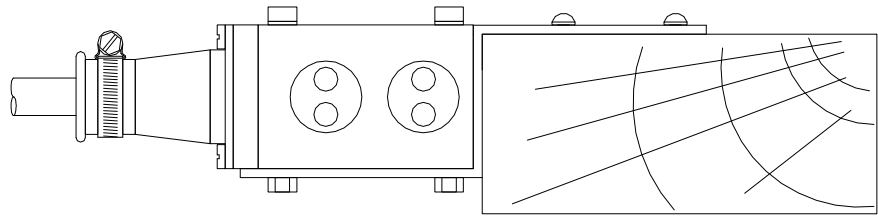
Note: Single and Three Phase distribution cubicles are available to order for sub-distribution circuits for point heating and utilities power supplies.

Points Heating & Conductor Rail Heating Materials**Self-Regulating Heater Accessories and Spares**

GrayBar and Railtrack Part Numbers	Description
CPT 800 RT PAD: 006/153103	EPR PCP Heater Feed Cable 8-core, 4mm ²
GBK 1166 RT PAD: 055/026961	Cartridge Heater, 110Volt, 200W, with 0.5Mtr Lead and Plug.
GBK 1096	Cartridge Heater, 110Volt, 200W, with 0.5Mtr Lead and Small Plug.
GBK 1090 RT PAD: 054/037114	Cartridge Point Heater Cable Joint Kit, 2C, 1-1.5mm ²
GBK 1021	High Temperature Rail Heater Grease, ½ Litre Tin
GBK 1046	Fibreglass Conductor Rail Channel, 650mm long (PK10)
GBK 1737	Stainless Steel Slotted Channel, 650mm Long (PK10)
GBK 120/4	110/120Volt Point Heater Assembly (4Mtr Heater)
GBK 120/5	110/120Volt Point Heater Assembly (5Mtr Heater)
GBK 120/6	110/120Volt Point Heater Assembly (6Mtr Heater)
GBK 120/7	110/120Volt Point Heater Assembly (7Mtr Heater)
GBK 120/8	110/120Volt Point Heater Assembly (8Mtr Heater)
GBK 240/4	240Volt Point Heater Assembly (4Mtr Heater)
GBK 240/5	240Volt Point Heater Assembly (5Mtr Heater)
GBK 240/6	240Volt Point Heater Assembly (6Mtr Heater)
GBK 240/8	240Volt Point Heater Assembly (8Mtr Heater)
GBK 1732 RT PAD: 055/026981	Heater Pad Type A for 113lb Flat Bottom P/PV/VP Slide Base Plate.
GBK 1731 RT PAD: 055/026982	Heater Pad Type B for 95 RBS Bull Head P/PV/VP Slide Base Plate.
GBK 1134 RT PAD: 055/027636	Hot/Cold Rail Sensor Kit.

Points Heating & Conductor Rail Heating Materials**4 WAY AND 8 WAY MOULDED BLOCKS
(Socket Re-Wirable)**

The Unique plug-in moulded socket blocks for strip type point's heating take approximately 4 minutes to install alongside the track and then fed through under the rail.



The system is totally waterproof, giving long-term reliability. The connectors are protected by galvanised steel keep plates to prevent damage, vandalism or accidental disconnection by objects hanging from rolling stock.

GrayBar and Railtrack Part Numbers	Description
GBK 1700 RT PAD: 054/088726	2 Way Moulded Block, 4 Core, 1.5mm ² Cable
GBK 1101 RT PAD: 055/027679	4 Way Moulded Block, 8 Core, 1.5mm ² to 2.5mm ² Cable
GBK 1234 RT PAD: 055/027676	4 Way Moulded Block, 8 Core, 4mm ² to 6mm ² Cable
CPT 689-4 RT PADS: 055/039619	Spare Z bracket to suit 4 Way Moulded Block
GBK 1294 RT PAD: 055/027677	8 Way Moulded Block, 8 Core, 1.5mm ² to 2.5mm ² Cable
GBK 1295 RT PAD: 055/027678	8 Way Moulded Block, 8 Core, 4mm ² to 6mm ² Cable
CPT 689/8 RT PAD: 055/039618	Spare Z bracket to suit 8 Way Moulded Block
CPT 1700	Blanking Caps for Sockets

POINTS HEATING HARNESS Includes c/w Plug and 4 Way Moulded Block

GrayBar Part No.	Description
GBK 1238/5	Point Heating Harness with C/W Plug and 4 Way Moulded Block. 8 Core with 5Mtr long Cable
GBK 1238/10	Point Heating Harness with C/W Plug and 4 Way Moulded Block. 8 Core with 10Mtr long Cable
GBK 1238/15	Point Heating Harness with C/W Plug and 4 Way Moulded Block. 8 Core with 15Mtr long Cable
GBK 1238/20	Point Heating Harness with C/W Plug and 4 Way Moulded Block. 8 Core with 20Mtr long Cable