



Junction boxes

Halogen-free solutions
for every application



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Junction boxes for most different applications in industry and commerce

For over 100 years, the family-owned company **Günther Spelsberg GmbH + Co. KG** has developed and produced most different housings for the electrical industry.

This has led to a particularly versatile assortment of enclosures.

The Spelsberg **Red Range** and **HP** series can be referred to as „classics“. With a protection class of IP 55 they can be used in humid rooms or inflammable atmospheres underground.

The **WK** junction boxes, with the protection class IP 54, are suitable for use in business premises which may be subject to fire hazards according to the document VDE 0100 Chapter 482 and withstand a glow wire test according to VDE 0471 up to 960°C.

For particularly harsh environments, the tough **Abbox series** is the best product. They are manufactured from particularly hard polystyrene making them shock resistant and break-proof. Soft, self-sealing membrane insertions and terminals with high-rise clamps make for fast, clear and easy wiring.

As highlighted the **Abbox SL** is now available with a new screwless clamping technology for cables up to 16 mm².

The **RK range** fitted with Din Rail Terminals is available in different versions and is moulded in Halogen free material.

For unprotected installation in the open or among extreme industrial conditions, the junction boxes of the **Abbox-i** series are recommended. They withstand acids and gasoline, are UV-resistant, weatherproof and are moulded in low smoke, zero Halogen, self extinguishing material.

The new **Abbox GT** series has been developed for use in areas which may flood, washing plants, tunnels and harbour facilities. In extreme cases these junction boxes with protection class IP 68 resist total submersion in water.

The **WKE** series provides protection of the electrical function in the classes E30 - to E90 according to the German Norm DIN 4102 Chapter 12.

The **Abbox Ex** series is certified for applications in „increased safety“ zones 2 and 22 both internally and externally. This is confirmed by the Approval certificate from the German Association for Technical Inspection of Rhineland (TÜV Rhineland).

Internal area protected

Red Range		HP	WK	Abbox	Abbox SL	RK	Abbox-i	Abbox-i SL	Abbox GT	WKE E 30 - E 90	WKE E 30	Abbox Ex
IP 20	IP 30	IP 55	IP 54	IP 65		IP 66	IP 65			IP 54	IP 66	IP 65
	354 906 01	Mini 25	HP 70	WK 007	Abbox 025	RKK 405	Abbox-i 025	Abbox-i SL 2,5 ²	Abbox GT 025	WKE 2 (5 x 6 ²)	WKE 202 RK (5 x 6 ²)	Abbox Ex 025 - 2,5 ²
	334 912 01	54 7	HP 80	WK 040	Abbox 025 AB	RKK 407	Abbox-i 025 SB-L	Abbox-i SL 6 ²	Abbox GT 040	WKE 2 (3 x 10 ²)	WKE 203 RK (3 x 4 ²)	Abbox Ex 040 - 4 ²
	315 607 01	54 7 SB - L	HP 90	WK 060	Abbox 040	RKK 409	Abbox-i 040-L	Abbox-i SL 10 ²	Abbox GT 060	WKE 3 (5 x 10 ²)	WKE 204 RK (3 x 4 ²)	Abbox Ex 060 - 6 ²
		112 - L	HP 100	WK 100	Abbox 060-6 ²	RKK 410	Abbox-i 060-L	Abbox-i SL 16 ²	Abbox GT 100	WKE 4 (5 x 16 ²)	WKE 302 RK (5 x 16 ²)	Abbox Ex 100 - 10 ²
		112 SB - L	HP 150	WK 160	Abbox 100-10 ²	RKK 412	Abbox-i 040 SB-L	Abbox-i SL 16 ²		WKE 4 (8 x 6 ²)	WKE 303 RK (5 x 10 ²)	Abbox Ex 160 - 16 ²
		112 - U/gr	HP 190	WK 250	Abbox 160-16 ²	RKK 412 XL	Abbox-i 060-6 ²	Abbox-i SL 10 ² -10 ²		WKE 5 (15 x 6 ²)	WKE 304 RK (5 x 10 ²)	Abbox Ex 350 - 35 ²
		112 - L/aw			Abbox 250-25 ²	RKK 415	Abbox-i 160-16 ²			WKE 5 (20 x 6 ²)	WKE 402 RK (5 x 35 ²)	
		112 - L/w			Abbox 350-35 ²	RKK 418	Abbox-i 230-23 ²			WKE 5 (24 x 6 ²)	WKE 403 RK (5 x 16 ²)	
		2K-12 - L			Abbox 700-70 ²	RKA 424	Abbox-i 350-35 ²				WKE 404 RK (5 x 35 ²)	
		2K-12 - L/w			Abbox HA 250	RKA 468	Abbox-i 700-70 ²					
		2K-12 AB - L			Abbox HA 350	RKA 4702	Abbox-i 1500-150 ²					
		2K-12 AB - L/w				RKA 4736	Abbox-i 2400-240 ²					
		116										