

	Boxes with terminals		Removable grommets	Boxes with terminals
	D ... , DP ... , DPC ... , DE ... , KC ... , K ... , RK ... , DN ...	K 7055 K 7004/5 K 9951 K 1204/5 K 2404/5 K 2401 Mi FM ..	EKA 20 , ERA 20 , DPS 02	KF ... G KF ... B
Application area	Suitable for indoor installation and outdoor installation, protected against weather influences		Suitable for for outdoor installation (harsh environment and/or outdoor). To reduce the formation and accumulation of condensed water see technical information.	
Resistant to occasional cleaning procedures			Resistance to occasional cleaning procedures (direct jet) with high-pressure cleaner without cleaning additives, water pressure: max 100 bar, water temperature: max 80 °C, distance ≥ 0.15 m, in accordance with DIN EN 60529:2014-09 (IEC 60529:2013) = IP 69. Box and cable entries at least IP 66.	
Ambient temperature - Average value over 24 hours - Maximum value - Minimum value	+ 35 °C + 40 °C - 25 °C	+ 35 °C + 40 °C - 25 °C	+ 35 °C + 40 °C - 25 °C	+ 55 °C + 70 °C - 25 °C
Relative humidity - short-time	50% at 40 °C 100% at 25 °C	50% at 40 °C 100% at 25 °C	- -	50% at 40 °C 100% at 25 °C
Fire protection in the event of internal faults	Demands placed on electrical devices from standards and laws: Minimum requirements - Glow wire test in accordance with IEC 60695-2-11: - 650 °C for boxes and cable glands - 850 °C for conducting components			
Burning behaviour - Glow wire test IEC 60695-2-11 - UL Subject 94	750 °C V-2 flame-retardant self-extinguishing	960 °C V-2 flame-retardant self-extinguishing	750 °C - flame-retardant self-extinguishing	960 °C V-0 flame-retardant self-extinguishing
Degree of protection against mechanical load	IK07 (2 Joule)	IK08 (5 Joule)	-	IK09 (10 Joule)
Toxic behaviour	halogen-free silicone-free	halogen-free silicone-free	halogen-free silicone-free	halogen-free silicone-free
	"Halogen-free" in accordance with IEC 60754-2 "Common test methods for cables - Determination of the amount of halogen acid gas". For material properties see technical data.			

	Empty boxes	Removable grommets		Empty boxes
	DK ... , DP ... , DE ...	EKA 20, ERA 20, DPS 02	LDM ...	KF ... G, KF ... B KF ... H, KF ... C
Application area	Suitable for indoor installation and outdoor installation, protected against weather influences			Suitable for for outdoor installation (harsh environment and/or outdoor). To reduce the formation and accumulation of condensed water see technical information.
Resistant to occasional cleaning procedures				Resistance to occasional cleaning procedures (direct jet) with high-pressure cleaner without cleaning additives, water pressure: max 100 bar, water temperature: max 80 °C, distance ≥ 0.15 m, in accordance with DIN EN 60529:2014-09 (IEC 60529:2013) = IP 69. Box and cable entries at least IP 66.
Ambient temperature				
- Average value over 24 hours	–	+ 35 °C	+ 55 °C	+ 55 °C
- Maximum value	+ 40 °C	+ 60 °C	+ 70 °C	+ 70 °C
- Minimum value	– 25 °C	– 25 °C	– 25 °C	– 25 °C
Fire protection in the event of internal faults	Demands placed on electrical devices from standards and laws: Minimum requirements - Glow wire test in accordance with IEC 60695-2-11: - 650 °C for boxes and cable glands - 850 °C for conducting components			
Burning behaviour				
- Glow wire test IEC 60695-2-11	750 °C	750 °C	750 °C	960 °C
- UL Subject 94	V-2 flame-retardant self-extinguishing	– flame-retardant self-extinguishing	– flame-retardant self-extinguishing	V-0 flame-retardant self-extinguishing
Degree of protection against mechanical load	IK07 (2 Joule)	–	–	IK09 (10 Joule)
Toxic behaviour	halogen-free silicone-free	halogen-free silicone-free	halogen-free silicone-free	halogen-free silicone-free

"Halogen-free" in accordance with IEC 60754-2 "Common test methods for cables - Determination of the amount of halogen acid gas".

For material properties see technical data.

	Boxes with terminals
	WP G, WP ... B
Application area	Suitable for outdoor installation (harsh environment and/or outdoor). For application in ambient conditions with formation of condensation and ingress of water as well as for installation in the ground without traffic loads in accordance with DIN VDE V 0606-22-100.
Resistant to occasional cleaning procedures	Resistant to cleaning procedures (direct jet) max. with high-pressure cleaner without additives, water temperature: max. 80° C
Ambient temperature - Average value over 24 hours - Maximum value - Minimum value	+ 55 °C + 70 °C – 25 °C
Relative humidity	100%
Burning behaviour - Glow wire test IEC 60695-2-11 - UL Subject 94	960° C V-0 flame-retardant self-extinguishing
Degree of protection against mechanical load	IK08 (5 Joule)
Toxic behaviour	halogen-free silicone-free