

Operating and ambient conditions	Boxes with terminals		Removable grommets	Boxes with terminals	
	D ..., DP ..., DPC ..., DE ..., DM ..., KM ..., DN ..., KC ..., K ..., RD ..., RK ...	K 7055 K 7004/5 K 9951 K 1204/5 K 2404/5 K 2401 Mi FM ..	EKA 20, ERA 20, DPS 02	KF ...	KD ...
Application area	Suitable for indoor installation (normal environment and/or protected outdoor)			Suitable for outdoor installation (harsh environment and/or outdoor)	
Resistant to occasional cleaning procedures	Resistant to occasional cleaning procedures (direct jet) max. with high-pressure cleaner without additives water pressure: max. 100 bar, water temperature: max. 80° C, distance ≥ 0.15 m in accordance with the requirements IP 69K box and cable entries at least IP 65				
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	+ 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	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 60 695-2-11 - 650° C for boxes and cable glands - 850° C for conducting components				
Burning behaviour - Glow wire test IEC 60 695-2-11 - 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	960° C 5-V flame-retardant self-extinguishing
Degree of protection against mechanical load	IK08 (5 Joule)	IK08 (5 Joule)	-	IK08 (5 Joule)	IK08 (5 Joule)
Toxic behaviour	halogen-free silicone-free	halogen-free silicone-free	halogen-free silicone-free	halogen-free silicone-free	halogen-free silicone-free

“Halogen-free” in accordance with IEC 754-2 “Common test methods for cables - Determination of the amount of halogen acid gas”.

To material properties see technical data.

Operating and ambient conditions

Empty boxes	Removable grommets	Empty boxes	Empty boxes
D ..., DP ..., DE ..., DM ..., KM ..., K 9..., K 8..., K 0...	EKA 20, ERA 20, DPS 02	KF ...	KD ...

Application area

Suitable for indoor installation (normal environment and/or protected outdoor)	Suitable for outdoor installation (harsh environment and/or outdoor)
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Resistant to occasional cleaning procedures (direct jet)

max. with high-pressure cleaner without additives
 water pressure: max. 65 bar, water temperature: max. 50° C, distance ≥ 0.5 m
 in accordance with the requirements IP 69K
box and cable entries at least IP 65

Ambient temperature

- Average value over 24 hours
- Maximum value
- Minimum value

-	+ 35° C	+ 55° C	+ 55° C
+ 40° C	+ 60° C	+ 70° C	+ 70° C
- 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 60 695-2-11
- 650° C for boxes and cable glands
- 850° C for conducting components

Burning behaviour

- Glow wire test IEC 60 695-2-11
- UL Subject 94

750° C V-2 flame-retardant self-extinguishing	750° C - flame-retardant self-extinguishing	960° C V-0 flame-retardant self-extinguishing	960° C 5V flame-retardant self-extinguishing
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Degree of protection against mechanical load

IK07 (2 Joule)	-	IK08 (5 Joule)	IK08 (5 Joule)
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Toxic behaviour

halogen-free silicone-free	halogen-free silicone-free	halogen-free silicone-free	halogen-free silicone-free
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"Halogen-free" in accordance with IEC 754-2 "Common test methods for cables - Determination of the amount of halogen acid gas".

To material properties see technical data.

DK Cable junction boxes

Technical details

Operating and ambient conditions

Operating and ambient conditions

	Boxes with terminals KX ...	Cable glands AXM ...	Sealing plugs VXM ...
Application area	Suitable for indoor installation (normal environment and/or protected outdoor)		
Ambient temperature - Average value over 24 hours - Maximum value - Minimum value	+ 35° C + 40° C - 20° C	+ 35° C + 40° C - 20° C	+ 35° C + 40° C - 20° C
Relative humidity - short-time	50% at 40° C 100% at 25° C	— —	— —
Burning behaviour - Glow wire test IEC 60 695-2-11	960° C flame-retardant self-extinguishing	960° C flame-retardant self-extinguishing	960° C flame-retardant self-extinguishing
Degree of protection against mechanical load	IK08 (5 Joule)	—	—
Toxic behaviour	halogen-free silicone-free	halogen-free silicone-free	halogen-free silicone-free

“Halogen-free” in accordance with IEC 754-2 “Common test methods for cables - Determination of the amount of halogen acid gas”.

To material properties see technical data.