

EMC-KVT-DS | Split EMC cable gland

for shielding cables with connectors, thread size M32/M63 / IP55



The split cable gland EMC-KVT-DS is based on the standard icotek KVT product. However, the EMC-KVT-DS has been metallised (galvanise coated) to create a conductive surface.

The first cable grommet (KT) is used for strain relief and cable sealing on the cable jacket. The second grommet (EMC-KT) contacts the cable shield at a full 360 degrees.

The conductive flat gasket included in the scope of delivery makes contact between the cable gland and the conductive housing wall. The EMC-KVT-DS can thus be fixed using a plastic lock nut. Alternatively, an additional contact to the metal wall can be made using a special EMC lock nut.

IP54



Made in Germany



RoHS compliant

Specifications

IP rating (certified acc. to EN 60529)	IP54
Material	Plastic, highly conductive coating Locknut: Brass, nickel-plated Locknut: Plastic
Flame class	UL94-V0, self-extinguishing
Operating temperature	-40 C° to 90 C°
Mounting options	Fasten with locknut

Advantages & benefits

- Both conducted and field-bound disturbances can be reliably diverted
- Scratch-resistant surface
- Contacting the cable shield over 360°
- EMC grommets made entirely from conductive elastomer
- Very good dissipation values
- Very good shielding effect with regard to EMC tightness

Product types & sizes

EMC-KVT-DS 32 with plastic locknut



Part No.	99431
EAN	4251269321962
PU	5
For max. no. of cables	1
Max. cable diameter	17 mm
Mounting height	23 mm
Cut-out size, metric	M32







Cut-out size, round	32.3 mm
Thread	M32 x 1,5
Thread length	14 mm
Suitable for grommets	1 x KT small 1 x EMC-KT small

EMC-KVT-DS 32 with EMC locknut



Part No.	99432
EAN	4251269322662
PU	5
For max. no. of cables	1
Max. cable diameter	17 mm
Mounting height	23 mm
Cut-out size, metric	M32

Cut-out size, round	32.3 mm
Thread	M32 x 1,5
Thread length	14 mm
Suitable for grommets	1 x KT small 1 x EMC-KT small

EMC-GM 32 	Part No.	99557		
	EAN	4251269321979		
	PU	5		
	Height	4.5 mm		
	Cut-out size, metric	M32		
	Thread	M32 × 1,5		
EMC gasket 32 	Part No.	99555		
	EAN	4251269322631		
	PU	5		
	Height	2.5 mm		
	External diameter	38 mm		
	Cut-out size, metric	M32		
	Thread	M32 × 1,5		
EMC-KVT-DS 63 1 with plastic locknut 	Part No.	99434	Cut-out size, round	63.4 mm
	EAN	4251269322587	Thread	M63 × 1,5
	PU	1	Thread length	14 mm
	For max. no. of cables	1	Suitable for grommets	1 x KT large
	Max. cable diameter	35 mm		1 x EMC-KT large
	Mounting height	23 mm		
	Cut-out size, metric	M63		
EMC-KVT-DS 63 1 with EMC locknut 	Part No.	99435	Cut-out size, round	63.4 mm
	EAN	4251269322594	Thread	M63 × 1,5
	PU	1	Thread length	14 mm
	For max. no. of cables	1	Suitable for grommets	1 x KT large
	Max. cable diameter	35 mm		1 x EMC-KT large
	Mounting height	23 mm		
	Cut-out size, metric	M63		
EMC-KVT-DS 63 4 with EMC locknut 	Part No.	99437	Cut-out size, round	63.4 mm
	EAN	4251269322617	Thread	M63 × 1,5
	PU	1	Thread length	14 mm
	For max. no. of cables	4	Suitable for grommets	4 x KT small
	Max. cable diameter	17 mm		4 x EMC-KT small
	Mounting height	23 mm		
	Cut-out size, metric	M63		
EMC-KVT-DS 63 4 with plastic locknut 	Part No.	99436	Cut-out size, round	63.4 mm
	EAN	4251269322600	Thread	M63 × 1,5
	PU	1	Thread length	14 mm
	For max. no. of cables	4	Suitable for grommets	4 x KT small
	Max. cable diameter	17 mm		4 x EMC-KT small
	Mounting height	23 mm		
	Cut-out size, metric	M63		

EMC-GM 63



Part No.	99558
EAN	4251269322624
PU	1
Height	7 mm
Cut-out size, metric	M63
Thread	M63 × 1,5

EMC gasket 63



Part No.	99555
EAN	4251269322631
PU	5
Height	2.5 mm
External diameter	70 mm
Cut-out size, metric	M63
Thread	M63 × 1,5