

KA, KAV

Cast resin branch joint

for polymeric cables and conductors

Universally suitable for branching cables and conductors insulated with PVC, PE and XLPE (e.g. N(A)YY, GKN). Suitable for cable branch clamps/ring clamps and compression connectors on copper and aluminium conductors.

Characteristics

- Compact dimensions
- Splice area visible before casting
- High-quality transparent shockproof plastic shell
- Large filler aperture to facilitate casting
- Resistant to chemical agents
- Resistant to alkaline earth elements
- Stabilized against UV rays
- Longitudinally and transversely water-tight
- High electrical insulating values
- High mechanical strength
- Ready for immediate operation
- Quick and easy assembly saves time and reduces costs

Application/Suitability

- Indoor
- Outdoor
- Underground
- Water
- Installation ducts

Voltage level

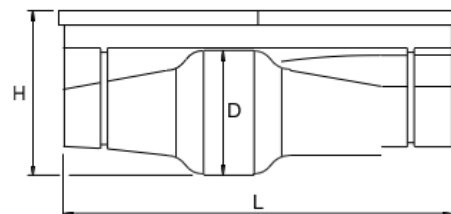
- U_0/U_m 0.6/1 (1.2) kV

Test standards

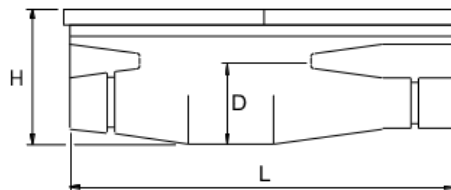
- DIN EN 50393 (corresponds to VDE 0278) Storage conditions/Shelf life
- Cast resin up to 40 months



Dimensions



KA 4.5 - KA 6



KAV 1 - KAV 2



Scope of delivery

Hydrolysis resistance PUR type EG cast resin (containing the correct volume ready for mixing), packed in practical and easy-to-use two-chamber bags, sealing gaskets, transparent plastic shell with locking bar, sealing tape, protective gloves, assembly instructions

Optional accessory: Ring clamp (see Connecting technology)

Screw branch clamp AK (see Connecting technology) Split bolt clamp FK (see Connecting technology) Compression connectors (see Connecting technology) Cleaner UNIVERSAL CLEANER 121 (see Accessories)

Note: Additional earthing set available on request

Polymeric	
unarmoured	armoured
 4x	 4x

Type	L mm	D mm	H mm	Max. cable - Ø mm		Nominal cross-section per conductor mm*				Art.-No.	
				Main cable	Branch cable	Main cable	Branch cable	Main cable	Branch cable		
KA	4.5	340	118	135	55	33	150	35	25	16	190195
KA	6	400	132	150	55	45	150	95	70	35	124865
KAV	1	230	58	78	30	20	16	6			181014
KAV	2	270	58	78	33	20	25	10	6	4	124861