

crimp&heat



Elpress crimp&heat

– an innovation in crimping technology



KHS1025-5



KHS-AS1625-4



KHS-AS1625-5



KHS-AKS1025-4



KHS-AKS1025-5

The Elpress concept crimp&heat is a new and easy way of connecting Al cables for applications such as lighting and switchgear. The concept consists of both insulation and crimping sleeves, which can accommodate several areas of the cable, supplied in a kit. The concept also supports a transition between the copper cable and the new Al cable. In order to crimp the connectors you need just one tool and you can choose between a hand tool or crimp dies with an open matrix that fits in Elpress's 6 tonnes tool system.

Through connectors with heat shrink insulation

For connection of 1 kV plastic insulated 4 or 5G cable of stranded Al conductors 16-25 mm².

For connection of, or transition to Cu 10-16 mm²; solid, stranded and multi-wired conductor or screen.

The conductors are crimped with the accompanying through connectors, and tools that are acquired separately. The through connectors are insulated with the enclosed inner tubes, which shrink with heat.

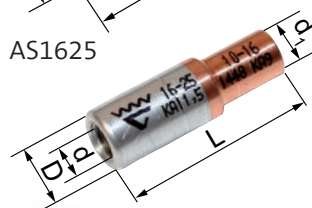
This is how it works:

- The conductors are crimped with through connectors AS1625, AKS1625-1016 or KSF16
- Use Elpress hand tool EW1025, or TB dies TBKA9-11,5 with any of the following tools;
 - Battery operated crimping tool PVX611
 - Hand tool T2600 and V611
 - Crimping head V600 used with battery and mains powered pump PS710 or foot pump P4000
- The inner and outer tubes in the insulation expand so they can easily be applied and then shrunk with heat
- The length of the insulation is adapted to safely cover the primary and sheath insulation of the cable
- The insulation has thick walls and is coated with a lot of adhesive, that makes the crimp waterproof and resistant to external influences
- Meets the requirements in SS-EN 50393, EBR KJ 24:89. The through connectors are tested and approved according to EN61238-1.

Through connectors



AS1625



AKS1625-1016



KSF16

Area mm ²	Cat. no.	mm d	D	L	d ₁	Pcs/pack
16-25 mm ² Al	AS1625	6.2	11.5	35	-	48
16-25 mm ² Al 10-16 mm ² Al	AKS1625-1016	6.2	11.5	36.5	6.0	48
10-16 mm ² Cu	KSF16	6.0	9.0	35	-	100

Complete kits

Area mm ²	Cat. no.	Description	Contains
16-25 mm ² Al 10-25 mm ² Cu	KHS1025-5	Heat shrink connector 1 kV 3-4-5 conductor	1 outer sheath, 5 inner tubes, abrasive cloth
16-25 mm ² Al	KHS-AS1625-4	Heat shrink connector 1 kV 4-conductor	1 outer sheath, 4 x AS1625, abrasive cloth, 4 inner tubes
16-25 mm ² Al	KHS-AS1625-5	Heat shrink connector 1kV 5-conductor	1 outer sheath, 5 x AS1625, abrasive cloth, 5 inner tubes
16-25 mm ² Al 10-16 mm ² Cu	KHS-AKS1025-4	Heat shrink connector 1 kV 4-conductor	1 outer sheath, 4 x AKS1625-1016, abrasive cloth, 4 inner tubes
16-25 mm ² Al, 10-16 mm ² Al,	KHS-AKS1025-5	Heat shrink connector 1 kV 5-conductor	1 outer sheath, 5 x AKS1625-1016, abrasive cloth, 5 inner tubes

Tools



TBKA9-11,5

Cat. no.	Description	Weight	Dimensions
EW1025	Hand tools	0.67 kg	310x74x30 mm
T2600	Mechanical hand tool	1.9 kg	440x140 mm
V600	Hydraulic crimping head	2.45 kg	189x53x74 mm
V611	Hydraulic hand tool	2.5 kg	425x115x53 mm
PVX611	Battery powered crimping tool	2.5 kg	387x116x75 mm
TBKA9-11.5*	Dies	-	-

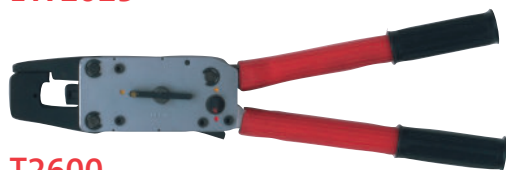
* Used together with T2600, V600, V611 or PVX611



EW1025



V600



T2600



V611



PVX611



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