


CSS

Terminals

Connectors

AL		CU			
rm	re	sm	rm	sm	
16 - 95	16.50/95	25 - 70	16 - 95	25 - 70	1
50 - 150	50 - 150	50 - 120	35 - 120	50 - 120	1
95 - 240	95 - 240	95 - 185	95 - 240	95 - 185	2
120 - 300	120 - 300	120 - 240	120 - 300	120 - 240	2
155 - 400	185 - 240/400	185 - 300	185 - 300	185 - 300	3
16 - 95	16.50/95	25 - 70	16 - 95	25 - 70	2
50 - 150	50 - 150	50 - 120	35 - 120	50 - 120	2
95 - 240	95 - 240	95 - 185	95 - 240	95 - 185	4
120 - 300	120 - 300	120 - 240	120 - 300	120 - 240	4
155 - 400	185 - 240/400	185 - 300	185 - 300	185 - 300	6

Screw lugs and connectors

Screw connectors are a reliable and economic way of connecting identical or different conductor cross-sections. They can be used up to 36kV. All lugs and connectors are fitted with torque-limited shear-off screws.

The actual cross-section of the cable does not need to be known, because each screw lug or connector covers many cable sizes. This results in simplified logistics, a small stock of lugs will cover a wide range of applications.

Also, the tin-plated surface means that they can be used on both copper and aluminium cables.

The principle of multiple tear-off screws

The screws of the Haupa screw lugs and connectors have a hexagon head and socket, which clamps the conductor cross-section with optimal clamping torque and therefore reduces assembly time.

As the screw is tightened it will shear off when correct torque is reached and a good joint is made.

Advantages of the tear-off screw

- simple assembly
- the screw head shears off when clamping torque is right
- no torque key required
- screw can be detached using the hexagon socket

1. The screw is fitted with several tear-off spots, with different shear-off torque, a hexagon head and socket.

2. The tear-off torques are defined in such a way that generally the biggest conductor cross-section is clamped with the biggest clamping torque and the smaller conductor cross-section with the smaller clamping torque. This happens by allocating hexagon head and socket.

3. Assembly is much simpler than with the telescopic screw, because each screw needs to be pulled and torn off only once.

