

Cone connector Cu

■ FRL 4 Cone connector

**Application**

For copper wire

Characteristics

The cone connector locks automatically. By installing the wire in the sleeve a reliable connection will be established. When ordering, please indicate the conductor construction, diameter and number of single wires.

Before installing, the cut wire must be chamfered.

Legend

a) Conical coupling

Article-Nr.	E-Number									
125.050.048	156 030 030	Cu		3						10
125.051.049	156 030 040	Cu		3.5						10
125.052.040	156 030 050	Cu		4						25
125.053.050	156 030 060	Cu		4.5						10
125.054.041	156 030 070	Cu		5						25
125.055.017	156 030 080	Cu		5.5						10
125.056.002	156 030 090	Cu		6						25
125.057.018	156 030 100	Cu		6.5						10
125.058.042	156 030 110	Cu		7						10
125.059.027	156 030 130	Cu		8						10
125.061.108	156 030 570	Cu	16							10
125.062.109	156 030 600	Cu	25							10
125.063.110	156 030 620	Cu	35							10
125.064.102	156 030 650	Cu	50							10
125.066.104	156 030 680	Cu	95							10
125.069.040	156 040 050	Cu		4 - 3					a)	10
125.070.041	156 040 070	Cu		5 - 4					a)	10
125.071.002	156 040 090	Cu		6 - 4					a)	10
125.072.002	156 040 190	Cu		6 - 5					a)	10
125.073.027	156 040 130	Cu		8 - 6					a)	10
125.074.027	156 030 120	Cu		8 - 7					a)	10

Technical Specifications: **Cone connector FRL 4**

	125.050.048	125.051.049	125.052.040	125.053.050
Wire diameter	3 mm	3.5 mm	4 mm	4.5 mm
Suitable for solid cores	Yes			
Useful for stranded conductors	No			
Nominal cross section	7 mm²	10 mm²	13 mm²	16 mm²
Material	Cu			
Nominal cross section conductor				
Sleeve form	Long			
For pull protected connections	Yes			
Suitable for round conductors	Yes			
Voltage level	Up to 35kV			
Model	Standard version			
Number of branches	2			
Surface protection	blank			
Oil stop/centre bar	No			
Type of connection	Percussion connector			
Commercial specification				
Customs number	85389000			
country of origin	CH			
Logistic specification				
VPE Weight	0.656 kg	0.653 kg	1.614 kg	0.642 kg

	125.054.041	125.055.017	125.056.002	125.057.018
Wire diameter	5 mm	5.5 mm	6 mm	6.5 mm
Suitable for solid cores	Yes			
Useful for stranded conductors	No			
Nominal cross section	20 mm²	24 mm²	29 mm²	34 mm²
Material	Cu			
Nominal cross section conductor				
Sleeve form	Long			
For pull protected connections	Yes			
Suitable for round conductors	Yes			
Voltage level	Up to 35kV			
Model	Standard version			
Number of branches	2			
Surface protection	blank			
Oil stop/centre bar	No			
Type of connection	Percussion connector			
Commercial specification				
Customs number	85389000			
country of origin	CH			
Logistic specification				
VPE Weight	2.302 kg	0.88 kg	3.22 kg	1.28 kg



	125.058.042	125.059.027	125.061.108	125.062.109
Wire diameter	7 mm	8 mm		
Suitable for solid cores	Yes		No	
Useful for stranded conductors	No		Yes	
Nominal cross section	39 mm²	51 mm²	16 mm²	25 mm²
Material	Cu			
Nominal cross section conductor			16 mm²	25 mm²
Sleeve form	Long			
For pull protected connections	Yes			
Suitable for round conductors	Yes			
Voltage level	Up to 35kV			
Model	Standard version			
Number of branches	2			
Surface protection	blank			
Oil stop/centre bar	No			
Type of connection	Percussion connector			
Commercial specification				
Customs number	85389000			
country of origin	CH			
Logistic specification				
VPE Weight	2.137 kg	2.1 kg	0.9 kg	1.25 kg

	125.063.110	125.064.102	125.066.104	125.069.040
Wire diameter				4 - 3 mm
Suitable for solid cores	No			Yes
Useful for stranded conductors	Yes			No
Nominal cross section	35 mm²	50 mm²	95 mm²	13 mm²
Material	Cu			
Nominal cross section conductor	35 mm²	50 mm²	95 mm²	
Sleeve form	Long			
For pull protected connections	Yes			
Suitable for round conductors	Yes			
Voltage level	Up to 35kV			
Model	Standard version			
Number of branches	2			
Surface protection	blank			
Oil stop/centre bar	No			
Type of connection	Percussion connector			
Commercial specification				
Customs number	85389000			
country of origin	CH			
Logistic specification				
VPE Weight	2.107 kg	2.971 kg	5.511 kg	1.62 kg

	125.070.041	125.071.002	125.072.002	125.073.027
Wire diameter	5 - 4 mm	6 - 4 mm	6 - 5 mm	8 - 6 mm
Suitable for solid cores	Yes			
Useful for stranded conductors	No			
Nominal cross section	20 mm²	29 mm²		51 mm²
Material	Cu			
Nominal cross section conductor				
Sleeve form	Long			
For pull protected connections	Yes			
Suitable for round conductors	Yes			
Voltage level	Up to 35kV			
Model	Standard version			
Number of branches	2			
Surface protection	blank			
Oil stop/centre bar	No			
Type of connection	Percussion connector			
Commercial specification				
Customs number	85389000			
country of origin	CH			
Logistic specification				
VPE Weight	0.908 kg	1.298 kg		2.12 kg

	125.074.027
Wire diameter	8 - 7 mm
Suitable for solid cores	Yes
Useful for stranded conductors	No
Nominal cross section	51 mm ²
Material	Cu
Nominal cross section conductor	
Sleeve form	Long
For pull protected connections	Yes
Suitable for round conductors	Yes
Voltage level	Up to 35kV
Model	Standard version
Number of branches	2
Surface protection	blank
Oil stop/centre bar	No
Type of connection	Percussion connector
Commercial specification	
Customs number	85389000
country of origin	CH
Logistic specification	
VPE Weight	2.1 kg