

Messenger wire and contact wire insulators

FDIS



Application

Contact wire insulator

Characteristics

SML of insulator: 80 kN

Min. breaking load: 60kN

Material

Stainless steel, CuNiSi, GRP rod PTFE coated

Legend

1) EN 50 149

2) ED 171

3) BS 23

Article-Nr.	mm Ø	mm ²	mm	mm a	mm c	mm	mm	Kg	
655.253.000	AC-100	100	5.6	1076	8	600	946	2.5	1
655.250.001	AC-80	80	5.6	1280	6.8	800	1150	2.7	1
655.223.000	ÖBB-100	100	3.7	1276	9.4	800	1146	2.7	2
655.250.000	AC-100	100	5.6	1276	8	800	1146	2.7	1
655.262.000	AC-120	120	5.6	1316	9.2	800	1146	2.8	1
655.265.000	ÖBB-120	120	3.75	1470	9.4	955	1300	2.9	2
655.231.000	BS-23	107	5.52	1576	8.8	1100	1446	3	3
655.256.000	AC-100	100	5.6	1576	8	1100	1446	3	1
655.261.000	AC-120	120	5.6	1614	9.2	1100	1446	3	1
655.238.000	BS-23	107	5.52	1880	8.8	1100	1750	3	3
655.254.000	AC-100	100	5.6	1670	8	1194	1540	3	1
655.234.000	AC-120	120	5.6	1766	9.2	1250	1596	3.4	1
655.237.000	BS-23	107	5.52	1880	8.8	1404	1750	3.3	3
655.240.000	AC-120	120	5.6	1920	9.2	1404	1750	3.3	1
655.252.000	AC-120	120	5.6	2016	9.2	1500	1846	3.4	1
655.295.000	AC-80	80	5.6	1576	6.8	1100	1446	2.8	

Technical Specifications: **FDIS**

	655.253.000	655.250.001	655.223.000	655.250.000
Specified mechanical load (SML)	80 kN			
Contact wire diameter	AC-100 mm	AC-80 mm	ÖBB-100 mm	AC-100 mm
Contact wire section	100 mm²	80 mm²	100 mm²	
Contact wire groove	5.6 mm		3.7 mm	5.6 mm
Length a	1076 mm	1280 mm	1276 mm	
Height c	8 mm	6.8 mm	9.4 mm	8 mm
Creeping distance	600 mm	800 mm		
Length between contact wire	946 mm	1150 mm	1146 mm	
Commercial specification				
Customs number	85353000		0	85353000
country of origin	CH		undefined	CH
Logistic specification				
Kilo / piece	2.5 kg	2.7 kg		

	655.262.000	655.265.000	655.231.000	655.256.000
Specified mechanical load (SML)	80 kN			
Contact wire diameter	AC-120 mm	ÖBB-120 mm	BS-23 mm	AC-100 mm
Contact wire section	120 mm²		107 mm²	100 mm²
Contact wire groove	5.6 mm	3.75 mm	5.52 mm	5.6 mm
Length a	1316 mm	1470 mm	1576 mm	
Height c	9.2 mm	9.4 mm	8.8 mm	8 mm
Creeping distance	800 mm	955 mm	1100 mm	
Length between contact wire	1146 mm	1300 mm	1446 mm	
Commercial specification				
Customs number	85353000			
country of origin	CH			
Logistic specification				
Kilo / piece	2.8 kg	2.9 kg	3 kg	

	655.261.000	655.238.000	655.254.000	655.234.000
Specified mechanical load (SML)	80 kN			
Contact wire diameter	AC-120 mm	BS-23 mm	AC-100 mm	AC-120 mm
Contact wire section	120 mm²	107 mm²	100 mm²	120 mm²
Contact wire groove	5.6 mm	5.52 mm	5.6 mm	
Length a	1614 mm	1880 mm	1670 mm	1766 mm
Height c	9.2 mm	8.8 mm	8 mm	9.2 mm
Creeping distance	1100 mm		1194 mm	1250 mm
Length between contact wire	1446 mm	1750 mm	1540 mm	1596 mm
Commercial specification				
Customs number	85353000			
country of origin	CH			
Logistic specification				
Kilo / piece	3 kg			3.4 kg

	655.237.000	655.240.000	655.252.000	655.295.000
Specified mechanical load (SML)	80 kN			
Contact wire diameter	BS-23 mm	AC-120 mm		AC-80 mm
Contact wire section	107 mm²	120 mm²		80 mm²
Contact wire groove	5.52 mm	5.6 mm		
Length a	1880 mm	1920 mm	2016 mm	1576 mm
Height c	8.8 mm	9.2 mm		6.8 mm
Creeping distance	1404 mm		1500 mm	1100 mm
Length between contact wire	1750 mm		1846 mm	1446 mm
Commercial specification				
Customs number	85353000			
country of origin	CH			
Logistic specification				
Kilo / piece	3.3 kg		3.4 kg	2.8 kg

