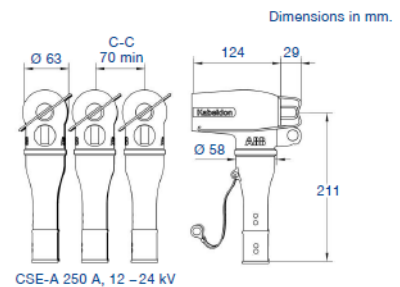


Product Datasheet



CSE-A 12250 (11kV)



CSE-A 24250 (22kV)

NKT Screened Connectors for Type A & Type B Interfaces

MV switchgear and transformer connections for 250 A and 400 A

DS0103 R2 NKT Screened Connectors Type A and B Datasheet 07/2025

NKT manufactures a wide range of cables and cable accessories and is the leading supplier of medium voltage screened connectors across much of Australasia.

NKT was the first to manufacture silicone rubber cable terminations and now has 50 years' experience, in applications up to 400 kV.

The range of screened connectors for Type A and Type B interfaces are made from silicone rubber and are quick and easy to assemble. Each connector has an outer conductive layer and an integrated inner conductive layer and field control system. Cable sheath testing can be done without dismantling the connector.

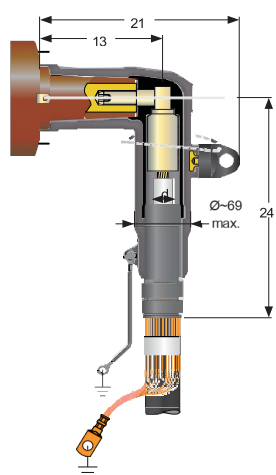
The CSE-A 250 elbow connector (illustrated) is typically used to provide a safe, screened connection up to 250A in 11/22 kV transformers, RMUs and distribution switchgear fitted with Type A bushings with plug-in Ø 7.9 mm according to EN 50180/50181. The CSE-A 250 is widely used in electricity distribution applications in New Zealand.

The CE 24-400 elbow connector and CB 36-400 T-connector provide safe, screened connections up to 400A in MV transformers, RMUs and distribution switchgear fitted with Type B bushings according to EN 50180/50181.

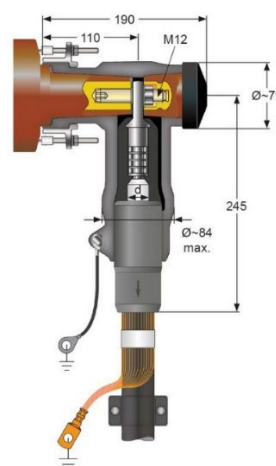
NKT screened connectors for Type A & Type B interfaces

Hiko Code	Interface	Rating (A)	System Voltage			Application range			
			11kV	22kV	33kV	Cross section ¹ mm		Insulation diameter mm	
						Min	Max	Min	Max
NKTCSEA1225001	A	250	✓			10	16	10.0	12.0
NKTCSEA1225002			✓			25	95	13.0	22.0
NKTCSEA2425001				✓		10	16	13.0	22.0
NKTCSEA2425002				✓		25	95	17.0	25.5
NKT2641681	B	400		✓		25	95	12.7	25.0
NKT2641683				✓		95	240	21.2	34.6
NKT2645668					✓	25	35	17.0	24.3
NKT2645667					✓	50	120	21.2	33.6
NKT2645670					✓	150	300	28.9	40.0

Dimensions		
Hiko Code	Approx length ² mm	Approx depth ³ mm
NKTCSEA1225001	210	153
NKTCSEA1225002		
NKTCSEA2425001		
NKTCSEA2425002		
NKT2641681	245	210
NKT2641683		
NKT2645668		190
NKT2645667		
NKT2645670		



CE 24-400 (22kV)



CB 36-400 (33kV)

Notes

1. Maximum size is for AL or CU RMV conductor
2. From bushing centre line to end of stress cone
3. From mounting face to back plug cover
4. Maximum application range at 11 kV: 70 mm²
5. Minimum application range at 11 kV: 95 mm²
6. Minimum application range at 11 kV: 185 mm²

Other literature available on request Reports, drawings, technical data sheets, installation instructions, O&M guidelines