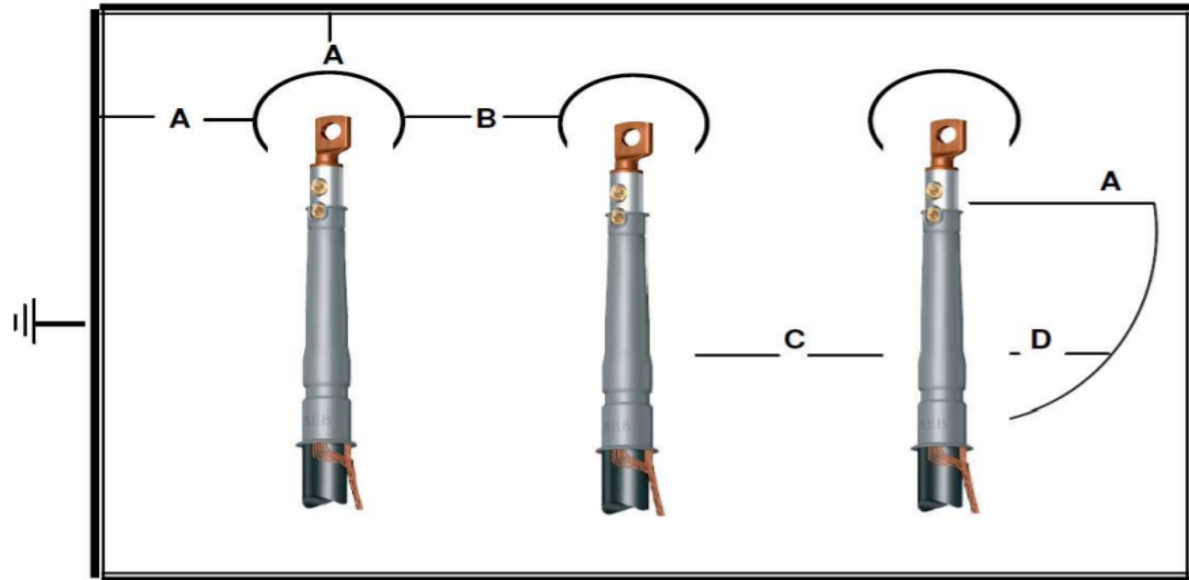


# NKT Pre-Moulded Cold Applied Slipover Cable Terminations.

For XLPE- and EPR-insulated cables 1- or 3-core with Al or Cu conductors for 11-33 kV.



### Air Clearances to AS 2067

Dimensions in mm

Voltage	BIL		Ph/Ph (B)	(C)	(D)	PH/Grd (A)
6.6kV	60		104	10	10	90
11kV	95		184	10	15	160
22kV	150		320	20	25	280
33kV	200		440	30	35	380

**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.

NKT pre-moulded cold applied slipover cable terminations are made of silicone rubber with integrated field control and top sealing.

The silicone rubber grade used in SOT terminations is durable, UV and ozone resistant, waterproof, non-flammable, self-extinguishing and heat resistant, and environmentally friendly.

Together with its excellent mechanical and electrical properties, this makes it the preferred material for 11-33kV terminations.

In addition to offering high quality electrical insulation and superior corona and tracking resistance, the elasticity of silicone rubber facilitates a wide application range. So, one product can be used for many different conductor cross-sections.

The single-piece design makes the termination quick and easy to install, saving you valuable time and money.

The outdoor types are provided with permanent sheds for extended creepage distance.

The terminations are supplied in indoor or outdoor kits for 1- or 3-core cables, with or without shear-bolt lugs.


Meets the requirements of:

- CENELEC, HD 629.1 S1
- IEEE 48 1996

Always select products by Insulation diameter.


## NKT Cold Applied Slipover Terminations: 3x Single Phase Kits Without Lugs

11/22 kV indoor terminations: 3x single phase kits without shear-bolt lugs, includes silicone tape




Hiko Code	Application range				Insulation Diameter, mm	
	11kV		22kV		Min	Max
	Cross section <sup>2</sup> , mm		Cross section <sup>2</sup> , mm			
	Min	Max	Min	Max		
NKTSOT241A3	10	35	10	16	11.0	15.0
NKTSOT2413	50	185	35	120	15.0	28.0
NKTSOT2423	240	500	150	400	25.0	39.0
NKTSOT242B3	630	1000	500	800	38.0	54.0

11/22 kV outdoor terminations: 3x single phase kits without shear-bolt lugs, includes silicone tape



Hiko Code	Application range				Insulation Diameter, mm	
	11kV		22kV		Min	Max
	Cross section <sup>2</sup> , mm		Cross section <sup>2</sup> , mm			
	Min	Max	Min	Max		
NKTSOT243A3	16	35	25		11.0	15.0
NKTSOT2433	50	120	35	70	15.0	24.0
NKTSOT2443	150	300	95	240	22.0	33.0
NKTSOT2453	400	500	300	500	31.0	40.0
NKTSOT2463	630	1000	630	800	38.0	54.0


33 kV indoor/outdoor terminations: 3x single phase kits without shear-bolt lugs, includes silicone tape



Hiko Code	Application range		Insulation Diameter, mm	
	Cross section <sup>2</sup> , mm		Min	Max
	Min	Max		
NKTSOT3613	50	300	26.0	39.0
NKTSOT3623	400	800	38.0	54.0


## NKT Cold Applied Slipover Terminations: 3x Single Phase Kits With Shear-Bolt Lugs

11/22 kV indoor terminations: 3x single phase kits complete with shear-bolt lugs, includes silicon tape




Hiko Code	Application range				Insulation Diameter, mm		Lug hole diameter, mm	Shear-bolt # for round compacted conductor
	11kV		22kV		Min	Max		
	Cross section <sup>2</sup> , mm		Cross section <sup>2</sup> , mm					
Min	Max	Min	Max					
NKTSOT241A335	10	35	10	16	11.0	15.0	13	KP1225
NKTSOT2413150	50	150	35	120	15.0	28.0		KP1180
NKTSOT2413185		185	50					KP1190
NKTSOT2423300	240	300	150	300	25.0	39.0		KP1155
NKTSOT2423400		400	185	400				KP1231
NKTSOT2423500		300	500					300
NKTSOT242B3630	630	630	500	630	38.0	54.0	16.5	KP1195

11/22 kV outdoor terminations: 3x single phase kits complete with shear-bolt lugs, includes silicon tape



Hiko Code	Application range				Insulation Diameter, mm		Lug hole diameter, mm	Shear-bolt # for round compacted conductor
	11kV		22kV		Min	Max		
	Cross section <sup>2</sup> , mm		Cross section <sup>2</sup> , mm					
Min	Max	Min	Max					
NKTSOT243A335	16	35	25		11.0	15.0	13	KP1225
NKTSOT243395	50	195	35	70	15.0	24.0		KP1155
NKTSOT2443300	150	300	95	240	22.0	33.0		KP1194
NKTSOT2453300	-		300		31.0	40.0		KP1194
NKTSOT2453500	400	500	300	500				KP1195
NKTSOT2463630	630		630		38.0	54.0		16.5

33 kV indoor/outdoor terminations: 3x single phase kits without shear-bolt lugs, includes silicone tape




Hiko Code	Application range		Insulation Diameter, mm		Lug hole diameter, mm	Shear-bolt # for round compacted conductor
	Cross section <sup>2</sup> , mm		Min	Max		
	Min	Max				
NKTSOT3613185	50	185	26.0	39.0	13	KP1190
NKTSOT3613300	95	300				KP1155
NKTSOT3623630	400	630	38.0	54.0	16.5	KP1195
NKTSOT3623800	800				19	KP1198

## NKT Cold Applied Slipover Terminations: Three Core Kits Without Lugs


Including heat-shrink trifurating kits, standard tail lengths, longer tails available on request

11/22 kV three core indoor terminations, without shear-blot lugs, includes silicone tape




Hiko Code	Application range				Insulation Diameter, mm		Tail length, mm
	11kV		22kV		Min	Max	
	Cross section <sup>2</sup> , mm		Cross section <sup>2</sup> , mm				
	Min	Max	Min	Max			
NKTSOT241A3C	10	35	10	16	11.0	15.0	700
NKTSOT2413C	50	185	35	120	15.0	28.0	
NKTSOT2423C	240	500	150	400	25.0	39.0	

11/22 kV three core outdoor terminations, without shear-blot lugs, includes silicone tape



Hiko Code	Application range				Insulation Diameter, mm		Tail length, mm
	11kV		22kV		Min	Max	
	Cross section <sup>2</sup> , mm		Cross section <sup>2</sup> , mm				
	Min	Max	Min	Max			
NKTSOT243A3C	16	35	25		11.0	15.0	750
NKTSOT2433C	50	195	35	70	15.0	24.0	
NKTSOT2443C	150	300	95	240	22.0	33.0	
NKTSOT2453C	400	500	300	500	31.0	40.0	

11/22 kV three core indoor/outdoor terminations, without shear-blot lugs, includes silicone tape




Hiko Code	Application range		Insulation Diameter, mm		Lug hole diameter, mm
	Cross section <sup>2</sup> , mm		Min	Max	
	Min	Max			
NKTSOT3613C	50	300	26.0	39.0	800
NKTSOT3623C	400	600	38.0	54.0	1000

## NKT Cold Applied Slipover Terminations: Three Core Kits Complete With Shear-Bolt Lugs


Including heat-shrink trifurcating kits, standard tail lengths, longer tails available on request

11/22 kV three core indoor terminations, complete with shear-bolt lugs, includes silicone tape




Hiko Code	Application range				Insulation Diameter, mm		Tail length, mm	Lug hole diameter, mm	Shear-bolt # for round compacted conductor
	11kV		22kV		Min	Max			
	Cross section <sup>2</sup> , mm		Cross section <sup>2</sup> , mm						
	Min	Max	Min	Max					
NKTSOT241A335C	10	35	10	16	11.0	15.0	700	13	KP1225
NKTSOT241395C	50	95	35	95	15.0	28.0			
NKTSOT2413150C		150		150					
NKTSOT2413185C	50	185	120	25.0	39.0				
NKTSOT2423300C	240	300	300						
NKTSOT2423500C	300	500	400						

11/22 kV three core indoor terminations, complete with shear-bolt lugs, includes silicone tape




Hiko Code	Application range				Insulation Diameter, mm		Tail length, mm	Lug hole diameter, mm	Shear-bolt # for round compacted conductor
	11kV		22kV		Min	Max			
	Cross section <sup>2</sup> , mm		Cross section <sup>2</sup> , mm						
	Min	Max	Min	Max					
NKTSOT243A335C	16	35	25		11.0	15.0	700	13	KP1225
NKTSOT2433120C	50	120	35	95	15.0	24.0			
NKTSOT2443300C	150	300	95	150	22.0	33.0			
NKTSOT2453500C	400	500	300	120	31.0	40.0			

33 kV indoor/outdoor terminations, complete with shear-bolt lugs, includes silicone tape



Hiko Code	Application range		Insulation Diameter, mm		Lug hole diameter, mm	Lug hole diameter, mm	Shear-bolt # for round compacted conductor
	Cross section <sup>2</sup> , mm		Min	Max			
	Min	Max					
NKTSOT3613185C	50	185	26.0	39.0	800	13	KP1190
NKTSOT3613300C	95	300					
NKTSOT3623630C	400	630	38.0	54.0	1000	16.5	KP1195

Selection table for SICON shear bolt lugs



Hiko Code	Application range, mm <sup>2</sup>						Palm bore diameter mm	Number of bolts
	Round stranded, RM		Sector stranded, SM		Round compacted, RMV			
	Min	Max	Min	Max	Min	Max		
KP1225	10	95	35	70	10	95	13	1
KP1180	16	150	35	120	16	150		
KP1181	16	150	35	95	16	150	16.5	2
KP1190	50	185	50	150	50	240		
KP1191	50	185	50	150	50	240	16.5	3
KP1155	95	300	95	240	95	300	13	
KP1156	95	300	95	240	95	300	16.5	
KP1231	185	400	185	240	185	400	13	
KP1233	185	400	185	240	185	400	16.5	3
KP1194	300	630	300	400	300	630	13	
KP1195	300	630	300	400	300	630	16.5	