



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

DS0106 R4 NKT Pre-Moulded Cold Applied Slipover Cable Terminations 10/2025

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.

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.

3x single phase kits without lugs

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

		Application range				Insulation Diameter (mm)	
		11kV		22kV			
		Cross section (mm²)		Cross section (mm²)		Min	Max
		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			
		Cross section (mm ²)		Cross section (mm ²)		Min	Max
		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

		Application range		Insulation Diameter (mm)	
		33kV			
		Cross section (mm²)			
		Hiko Code	Min	Max	Min
	NKTSOT3613	50	300	26.0	39.0
	NKTSOT3623	400	800	38.0	54.0

3x Single phase kits with shear-bolt lugs

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

	Hiko Code	Application range				Insulation Diameter (mm)		Lug hole diameter (mm)	Shear-bolt # for round compacted conductor
		11kV		22kV					
		Cross section (mm²)		Cross section (mm²)		Min	Max		
		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	16.5	KP1155	
NKTSOT2423400		400	185	400				KP1233	
NKTSOT2423500	300	500	300					KP1195	
NKTSOT242B3630	630	630	500	630	38.0	54.0		KP1195	

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

	Hiko Code	Application range				Insulation Diameter (mm)		Lug hole diameter (mm)	Shear-bolt # for round compacted conductor
		11kV		22kV		Min	Max		
		Cross section (mm²)		Cross section (mm²)					
		Min	Max	Min	Max	Min	Max		
	NKTSOT243A335	16	35	25		11.0	15.0	13	KP1225
	NKTSOT243395	50	195	35	70	15.0	24.0		16.5
NKTSOT2443300	150	300	95	240	22.0	33.0	KP1195		
NKTSOT2453300	-		300		31.0	40.0	KP1195		
NKTSOT2453500	400	500	300	500			KP1195		
NKTSOT2463630	630		630		38.0	54.0		KP1195	

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
		33kV					
		Cross section (mm ²)		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	

3 core kits without lugs

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

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

		Application range				Insulation Diameter (mm)		
		11kV		22kV				
		Cross section (mm²)		Cross section (mm²)		Min	Max	
		Min	Max	Min	Max			
	Hiko Code							
	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-bolt lugs, includes silicone tape

		Application range				Insulation Diameter (mm)		
		11kV		22kV				
		Cross section (mm²)		Cross section (mm²)		Min	Max	
		Min	Max	Min	Max			
	Hiko Code							
	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	800

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

		Application range		Insulation Diameter (mm)		
		33kV				
		Cross section (mm ²)				
	Hiko Code	Min	Max	Min	Max	Lug hole diameter (mm)
	NKTSOT3613C	50	300	26.0	39.0	800
	NKTSOT3623C	400	600	38.0	54.0	1000

3 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		Diameter (mm)				
		Cross section (mm ²)		Cross section (mm ²)						
		Min	Max	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			KP1180	
NKTSOT2413150C		150		150					KP1190	
NKTSOT2413185C	50	185		120					KP1155	
NKTSOT2423300C	240	300	150	300	25.0	39.0		16.5	KP1195	
NKTSOT2423500C	300	500	300	400						

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

		Application range				Insulation Diameter (mm)		Tail length (mm)	Lug hole diameter (mm)	Shear-bolt # for round compacted conductor
		11kV		22kV						
		Cross section (mm ²)		Cross section (mm ²)		Min	Max			
		Min	Max	Min	Max					
	Hiko Code	Min	Max	Min	Max	Min	Max			
NKTSOT243A335C	16	35	25		11.0	15.0	700	13	KP1225	
NKTSOT2433120C	50	120	35	95	15.0	24.0			KP1180	
NKTSOT2443300C	150	300	95	150	22.0	33.0			KP1155	
NKTSOT2453500C	400	500	300	120	31.0	40.0	800	16.5	KP1195	

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

	Hiko Code	Application range 33kV		Insulation Diameter (mm)		Lug hole diameter (mm)	Lug hole diameter (mm)	Shear-bolt # for round compacted conductor
		Cross section (mm²)		Min	Max			
		Min	Max					
	NKTSOT3613185C	50	185	26.0	39.0	800	13	KP1190
	NKTSOT3613300C	95	300					KP1155
	NKTSOT3623630C	400	630	38.0	54.0	1000	16.5	KP1195

Selection table for SICON shear bolt lugs



Hiko Code	Application range (mm²)						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		2
KP1181	16	150	35	95	16	150	16.5	
KP1190	50	185	50	150	50	240	13	
KP1191	50	185	50	150	50	240	16.5	
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	3
KP1233	185	400	185	240	185	400	16.5	
KP1194	300	630	300	400	300	630	13	
KP1195	300	630	300	400	300	630	16.5	