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Medium Voltage Power Cable Accessories 6.6 - 42kV

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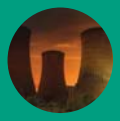
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E-Tech Components UK Ltd are a specialist distributor of High-Quality Power Cable Accessories & Electrical Components from leading industry brands in the UK and Worldwide.

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Cable Terminations - Heatshrink 1 & 3 Core Indoor Terminations

12-36kV MONOi Heat-Shrink 1 Core Terminations

Nexans 12-36 MONOi Indoor MV Heat-Shrink Terminations are medium voltage heat-shrinkable indoor terminations for single core polymeric cables with Copper Wire or Tape Screen. Up to 19/33 (36) kV.

Nexans

Nexans 12-36 MONOi Indoor MV Heat-Shrink Terminations

Product Code	Max Voltage	CSA Range (mm²)	Length (mm)
3x12MONOi 1.95	12kV	25÷95	300
3x12MONOi 1.240	12kV	70÷240	300
3x12MONOi 1.300	12kV	95÷300	300
3x12MONOi 1.400	12kV	185÷400	350
3x12MONOi 1.630	12kV	400÷630	350
3x24MONOi 1.95	24kV	25÷95	350
3x24MONOi 1.240	24kV	70÷240	350
3x24MONOi 1.300	24kV	95÷300	350
3x24MONOi 1.400	24kV	185÷400	350
3x24MONOi 1.630	24kV	400÷630	400
3x36MONOi 1.95	36kV	25÷95	450
3x36MONOi 1.240	36kV	70÷240	450
3x36MONOi 1.300	36kV	95÷300	450
3x36MONOi 1.400	36kV	185÷400	450
3x36MONOi 1.630	36kV	400÷630	500

12-36kV MONOi Heat-Shrink 3 Core Terminations

Nexans 12-36 MONOi Indoor MV Heat-Shrink Terminations are medium voltage heat-shrinkable indoor terminations for three core polymeric cables with Copper Wire or Tape Screen. Up to 19/33 (36) kV.

Nexans

Nexans 12-36 MONOi Indoor MV Heat-Shrink Terminations

Product Code	Max Voltage	CSA Range (mm²)	Length (mm)
3x12MONOi 3.95	12kV	25÷95	500
3x12MONOi 3.240	12kV	70÷240	500
3x12MONOi 3.300	12kV	95÷300	600
3x12MONOi 3.400	12kV	185÷400	600
3x24MONOi 3.95	24kV	25÷95	650
3x24MONOi 3.240	24kV	70÷240	650
3x24MONOi 3.300	24kV	95÷300	650
3x24MONOi 3.400	24kV	185÷400	650
3x36MONOi 3.95	36kV	25÷95	900
3x36MONOi 3.240	36kV	70÷240	900
3x36MONOi 3.300	36kV	95÷300	900
3x36MONOi 3.400	36kV	185÷400	900

Cable Terminations - Heatshrink 1 & 3 Core Outdoor Terminations

12-36kV MONOe Heat-Shrink 1 Core Terminations

Nexans 12-36 MONOe outdoor MV Heat-Shrink Terminations are medium voltage heat-shrinkable outdoor terminations for single core polymeric cables with Copper Wire or Tape Screen. Up to 19/33 (36) kV.

Nexans

Nexans 12-36 MONOe Outdoor MV Heat-Shrink Terminations

Product Code	Max Voltage	CSA Range (mm²)	Length (mm)
3x12MONOe 1.95	12kV	25÷95	500
3x12MONOe 1.240	12kV	70÷240	500
3x12MONOe 1.300	12kV	95÷300	500
3x12MONOe 1.400	12kV	185÷400	500
3x12MONOe 1.630	12kV	400÷630	500
3x24MONOe 1.95	24kV	25÷95	500
3x24MONOe 1.240	24kV	70÷240	500
3x24MONOe 1.300	24kV	95÷300	500
3x24MONOe 1.400	24kV	185÷400	500
3x24MONOe 1.630	24kV	400÷630	600
3x36MONOe 1.95	36kV	25÷95	550
3x36MONOe 1.240	36kV	70÷240	550
3x36MONOe 1.300	36kV	95÷300	550
3x36MONOe 1.400	36kV	185÷400	600
3x36MONOe 1.630	36kV	400÷630	600

12-36kV MONOe Heat-Shrink 3 Core Terminations

Nexans 12-36 MONOe outdoor MV Heat-Shrink Terminations are medium voltage heat-shrinkable outdoor terminations for three core polymeric cables with Copper Wire or Tape Screen. Up to 19/33 (36) kV.

Nexans

Nexans 12-36 MONOe Outdoor MV Heat-Shrink Terminations

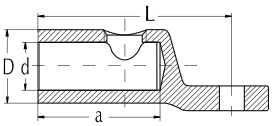
Product Code	Max Voltage	CSA Range (mm²)	Length (mm)
3x12MONOe 3.95	12kV	25÷95	690
3x12MONOe 3.240	12kV	70÷240	690
3x12MONOe 3.300	12kV	95÷300	690
3x12MONOe 3.400	12kV	185÷400	690
3x24MONOe 3.95	24kV	25÷95	800
3x24MONOe 3.240	24kV	70÷240	800
3x24MONOe 3.300	24kV	95÷300	800
3x24MONOe 3.400	24kV	185÷400	800
3x36MONOe 3.95	36kV	25÷95	1000
3x36MONOe 3.240	36kV	70÷240	1000
3x36MONOe 3.300	36kV	95÷300	1000
3x36MONOe 3.400	36kV	185÷400	1000

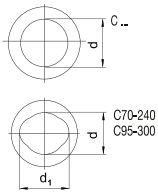
GPH Mechanical Cable Lugs

Nexans GPH Mechanical Cable Lugs (up to 52kV), centric with shear-off-head bolts and transverse grooving.

The connector body is made from high strength Aluminium Alloy and the bolts from brass, tin-plated, with inner and outer hexagon from Aluminium Alloy.

Connectors filled with compound and sealed in plastic.





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Nexans GPH Mechanical Cable Lugs

Product Code	AL in mm²			CU in mm²		No. of Bolts	Dimensions (mm)				Palm Hole (mm)	Tool / Outer & Inner Hexagon
	rm (v) round stranded	re round solid	sm sector stranded	rm (v) round stranded	sm sector stranded		L	d	D	a		
C16-95 X 12	16-95	10-95	25-70	16-95	25-70	1	60	12.5	24	32	13	SW10 & SW6
C16-95 X 16	16-95	10-95	25-70	16-95	25-70	1	60	12.5	24	32	17	SW10 & SW6
C25-150 X 12	25-150	25-150	35-120	25-150	35-120	1	79	15.5	30	35	13	SW10 & SW6
C25-150 X 16	25-150	25-150	35-120	25-150	35-120	1	79	15.5	30	35	17	SW10 & SW6
C70-240 X 12	70-240	70-240	70-240	70-240	70-240	2	93.5	22[1)]	35	56	13	SW13 & SW6
C70-240 X 16	70-240	70-240	70-240	70-240	70-240	2	93.5	22[1)]	35	56	17	SW13 & SW6
C95-240 X 12	95-240	95-240	95-185	95-240	95-185	2	95	20	33	56	13	SW13 & SW6
C95-240 X 16	95-240	95-240	95-185	95-240	95-185	2	95	20	33	56	17	SW13 & SW6
C95-300 X 12	95-300	95-300	95-240	70-300	70-240	2	105	23[1)]	36	67	13	SW13 & SW8
C95-300 X 16	95-300	95-300	95-240	70-300	70-240	2	105	23[1)]	36	67	17	SW13 & SW8
C120-300 X 12	120-300	120-300	120-240	120-300	120-240	2	105	25	38	67	13	SW19 & SW6
C120-300 X 16	120-300	120-300	120-240	120-300	120-240	3	105	25	38	67	17	SW19 & SW6
C185-400 X 12	185-400	185-400	185-300	185-400	185-300	3	120	26	42	82	13	SW19 & SW6
C185-400 X 16	185-400	185-400	185-300	185-400	185-300	3	120	26	42	82	17	SW19 & SW6
C300-500 X 12	300-500	300-500	300-400	300-500	300-400	3	130	34	52	94	13	SW19 & SW8
C300-500 X 16	300-500	300-500	300-400	300-500	300-400	3	130	34	52	94	17	SW19 & SW8
C300-500 X 20	300-500	300-500	300-400	300-500	300-400	3	130	34	52	94	21	SW19 & SW8
C400-630 X 12	400-630	400-630	400-500	400-630	400-500	3	130	34	52	94	13	SW19 & SW8
C400-630 X 16	400-630	400-630	400-500	400-630	400-500	3	130	34	52	94	17	SW19 & SW8
C400-630 X 20	400-630	400-630	400-500	400-630	400-500	3	130	34	52	94	21	SW19 & SW8
C630-1000 X 20[2)]	630-1000	630-1000		630-1000		4	165	41	65	105	21	SW19 & SW8
C800-1200 X 20[2)]	800-1200	800-1200		800-1200		4	170	45	72	105	21	SW22 & SW8

1) Dimension d_1 = 26 mm
2) Centric conductor positioning by center inserts
Other palm holes on request

Torque Amplifier DMV65

For a gentle installation of shear-off-head bolts in mechanical connectors using standard cordless screwdrivers. The tool enables an optimum clamping force using GPH® Mechanical connectors and cable lugs with conductor cross-sections up to 630 mm². The DMV65 ensures outstanding installation quality for mechanical connectors and cable lugs up to Ø 52 mm.

Nexans

Torque amplifier DMV65, with tool case

Product Code	Rods Length (mm)	Transmission Ratio	Max. Engine Torque (Nm)	Min. Driving Torque (Nm)
DMV65	80.5	1:24	65	3.5

Kit Contents
Tool case with foam pads.
Outer hexagon tools SW10, 13, 14, 17, 19, 22, 24.
Inner hexagon tools SW5, 6, 8, 10.
Hexagon socket key SW5.
Instruction manual.

Cable Terminations - Accessories

RAE Remote Armour Earthing Kits

Nexans RAE Remote Armour Earthing Kits designed for terminating armour wires (SWA and AWA) in instances where glands are not desired, e.g. when installing armoured cables onto Over-Head Line (pole mounting) terminations.

Each kit contains an aluminium under armour support ring, stainless steel worm drive clip, mastic tape, tinned copper braid and heat shrink tubing for environmental protection.

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Nexans RAE Remote Armour Earthing Kits

Product Code	Diameter Range Min - Max (mm)
RAE1	25-35
RAE2	32-42
RAE3	40-48
RAE4	48-55
RAE5	55-61
RAE6	61-75

SE Solderless Screen Earth Kits

Nexans SE Solderless Screen Earth Kit is necessary to effectively earth the copper tape screens of polymeric (XLPE and EPR) insulated Medium Voltage (MV) power cables without the need for soldering. Supplied in sets of three.

Nexans

Nexans SE Solderless Screen Earth Kits

Product Code	Conductor Dia. mm	Stud Size	6.6kV (mm^2)	12kV (mm^2)	17 & 24kV (mm^2)	36kV (mm^2)
SE1	12-18	M8	16-50	16-50	16-50	
SE2	19-22	M8	70-150	70-150	25-70	25-35
SE3	22-30	M8	185-300	185-240	95-150	50-70
SE4	31-44	M10	400-630	300-630	185-500	95-300
SE5	41-65	M10	800-1000	800-1000	630-1000	400-1000

RCFB Flexible Insulating Bushing Boot Kits

REPL RCFB Flexible Insulating Bushing Boot Kits (RCFB-0, RCFB-1, RCFB-3, RCFB-4) are cold applied systems to provide insulation enhancement for MV cable termination, installed in dry air filled cable boxes up to 24kV.

Suitable for use in switchgear and transformer cable boxes where the air clearances are not sufficient to prevent electrical flashover due to high humidity or rodents.

REPL

REPL RCFB Flexible Insulating Bushing Boot Kits

Product Code	Pack Qty Pcs	Colour	Max Voltage (kV)	Cable Range (mm^2)	Bushing Diameter Range (mm)
RCFB-0	3	Red	17.5	N/A	30-45
RCFB-1	3	Red	17.5	35-630	46-70
RCFB-3	3	Grey	24	25-400	46-70
RCFB-4	3	Grey	24	400-630	46-70

HSGK Top Hat Gland Kits

Nexans HSGK Top Hat Gland Kits (also known tubular glands) provide an effective moisture seal around the cable outer sheath, earth the cable armour wires and provide a means of grounding the solderless earth screen braids if present.

Made to comply with stud spacings to BS 2562. For indoor and outdoor use on switchgear or transformer cable boxes. Also extends space for termination by 150mm.

Nexans

Nexans HSGK Top Hat Gland Kits

Product Code	Cable Size (mm^2)	3.3kV Diameter (mm)	Bore Hole Dia. (mm)	Mounting Plate Dimensions (mm)	Gland Length (mm)
HSGK1	35-70	36-60	66	115 x 135	145
HSGK2	95-300	53.94	98	115 x 135	145
HSGK2-TRIPLEX	95-300	94 (Max Formation)	98	115 x 135	145
HSGK3	35-630	36-60	66	90 x 90	145

Heat-Shrink Trifurcating Breakout Kits

Nexans 3CK-HSS Heat-Shrink Trifurcating Breakout Kit range of un-screened kits are suitable for converting three-core polymeric insulated MV cables (XLPE and EPR) into single-core formation.

Provides moisture and abrasion resistance to the insulated cores. Generally used in conjunction with fully screened MV Separable Connectors, e.g. Euromold, Pfisterer MV-CONNEX and more.

Nexans

3CK-HSS Heat-Shrink Trifurcating Breakout Kits (Multi Core)

Product Code	Insulation Diameter Range	3.3kV Cables (mm^2)	12-17.5kV Cables (mm^2)	24kV Cables (mm^2)	36kV Cables (mm^2)
3CK-HSS-1	14-26	50-185	25-95	25-70	
3CK-HSS-2	20-42	185-400	95-185	95-300	70-185
3CK-HSS-3	28-52		240-400	300-400	185-400

Nexans JTS Heat-Shrink Cable Joints

17-24JTS1 W (CS) MV Heat-Shrink Joints

Nexans 17-24JTS1 W (CS) MV Heat-Shrink Joints are medium voltage heat-shrinkable straight joints with triple layer tube for Unarmoured Single Core Polymeric Cables with Copper Wire or Copper Tape Screen. Up to Umax 24kV.

17-24JTS1 W heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Cu wire or Cu tape screen, to accommodate either crimped or mechanical connectors.

Nexans

17-24JTS1 W (CS) MV Heat-Shrink Cable Joints

Product Code	Um (kV)	Section Range (mm²)	Length L (mm)	DOI Insulation (mm)	DOE Outer (mm)
17JTS1.95W-(CS)	12/17.5	25÷95	600	12-24	20-38
17JTS1.240W-(CS)	12/17.5	70÷240	600	16-32	24-44
17JTS1.300W-(CS)	12/17.5	95÷300	600 (750 CS)	18-34	26-48
17JTS1.400W-(CS)	12/17.5	185÷400	750 (1000 CS)	22-38	30-52
24JTS1.95W-(CS)	24	25÷95	600	18-28	24-40
24JTS1.240W-(CS)	24	70÷240	600	20-36	26-46
24JTS1.300W-(CS)	24	95÷300	600 (750 CS)	22-38	28-52
24JTS1.400W-(CS)	24	185÷400	750 (1000 CS)	24-40	32-54

36-42JTS1 W (CS) MV Heat-Shrink Joints

Nexans 36-42JTS1 W (CS) MV Heat-Shrink Joints are medium voltage heat-shrinkable straight joints with triple layer tube for Unarmoured Single Core Polymeric Cables with Copper Wire or Copper Tape Screen. Up to Umax 42kV.

36-42JTS1 W heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Cu wire or Cu tape screen, to accommodate either crimped or mechanical connectors.

Nexans

36-42JTS1 W (CS) MV Heat-Shrink Cable Joints

Product Code	Um (kV)	Section Range (mm²)	Length L (mm)	DOI Insulation (mm)	DOE Outer (mm)
36JTS1.95W-(CS)	36	25÷95	600 (750 CS)	18-32	32-48
36JTS1.240W-(CS)	36	70÷240	750 (900 CS)	24-38	34-54
36JTS1.300W-(CS)	36	95÷300	750 (900 CS)	26-40	34-58
36JTS1.400W-(CS)	36	185÷400	750 (1000 CS)	28-44	38-62
42JTS1.95W-(CS)	42	25÷95	600 (750 CS)	20-34	34-50
42JTS1.240W-(CS)	42	70÷240	750 (900 CS)	26-42	38-54
42JTS1.300W-(CS)	42	95÷300	750 (900 CS)	28-46	40-60
42JTS1.400W-(CS)	42	185÷400	750 (1000 CS)	32-48	42-64

17-24JTS1 WSK2.0 (MC) MV Heat-Shrink Joints

Nexans 17-24JTS1 W (CS) MV Heat-Shrink Joints are medium voltage heat-shrinkable straight joints with triple layer tube for Unarmoured Single Core Polymeric Cables with Aluminium Tape Screen (AHXAMK-WP). Up to Umax 24kV.

17-24JTS1 WSK2.0 heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Al tape screen, to accommodate either crimped or mechanical connectors.

Nexans

17-24JTS1 WSK2.0 (MC) MV Heat-Shrink Cable Joints

Product Code	Um (kV)	Section Range (mm²)	Length L (mm)	DOI Insulation (mm)	DOE Outer (mm)
3X17JTS1.95WSK 2.0	12/17.5	25÷95	600	12-24	20-38
3X17JTS1.240WSK 2.0	12/17.5	70÷240	600	16-32	24-44
3X17JTS1.300WSK 2.0	12/17.5	95÷300	750	18-34	26-48
3X17JTS1.400WSK 2.0	12/17.5	185÷400	750	22-38	30-52
3X24JTS1.95WSK 2.0	24	25÷95	600	18-28	24-40
3X24JTS1.240WSK 2.0	24	70÷240	600	20-36	26-46
3X24JTS1.300WSK 2.0	24	95÷300	750	22-38	28-52
3X24JTS1.400WSK 2.0	24	185÷400	750	24-40	32-54

36-42JTS1 WSK2.0 (MC) MV Heat-Shrink Joints

Nexans 36-42JTS1 WSK2.0 (MC) MV Heat-Shrink Joints are medium voltage heat-shrinkable straight joints with triple layer tube for Unarmoured Single Core Polymeric Cables with Aluminium Tape Screen (AHXAMK-WP). Up to Umax 42kV.

36-42JTS1 WSK2.0 heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Al tape screen, to accommodate either crimped or mechanical connectors.

Nexans

36-42JTS1 WSK2.0 (MC) MV Heat-Shrink Cable Joints

Product Code	Um (kV)	Section Range (mm²)	Length L (mm)	DOI Insulation (mm)	DOE Outer (mm)
3X36JTS1.95WSK2.0	36	25÷95	750	18-32	32-48
3X36JTS1.240WSK2.0	36	70÷240	1000	24-38	34-54
3X36JTS1.300WSK2.0	36	95÷300	1000	26-40	34-58
3X36JTS1.400WSK2.0	36	185÷400	1000	28-44	38-62
3X42JTS1.95WSK2.0	42	25÷95	1000	20-34	34-50
3X42JTS1.240WSK2.0	42	70÷240	1000	26-42	38-54
3X42JTS1.300WSK2.0	42	95÷300	1000	28-46	40-60
3X42JTS1.400WSK2.0	42	185÷400	1000	32-48	42-64

Nexans JTS Heat-Shrink Cable Joints

17-24JTS3 CW MV Heat-Shrink Joints

Nexans 17-24JTS3 CW MV Heat-Shrink Joints (17JTS3 CW and 24JTS3 CW) are medium voltage heat-shrinkable straight joints with triple layer tube for Unarmoured Three Core Polymeric Cables with Copper Wire or Copper Tape Screen. Up to Umax 24kV.

17-24JTS3 CW heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Cu wire or Cu tape screen, to accommodate either crimped or mechanical connectors.

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17-24JTS3 CW MV Heat-Shrink Cable Joints

Product Code	Um (kV)	Section Range (mm²)	Length L (mm)	DOI Insulation (mm)	DOE Outer (mm)
17JTS3.95CW	12/17.5	25÷95	1200	12-24	38-66
17JTS3.240CW	12/17.5	70÷240	1200	16-32	46-80
17JTS3.300CW	12/17.5	95÷300	1400	18-34	52-86
17JTS3.400CW	12/17.5	185÷400	1400	22-38	62-94
24JTS3.95CW	24	25÷95	1200	18-28	46-72
24JTS3.240CW	24	70÷240	1400	20-36	48-88
24JTS3.300CW	24	95÷300	1400	22-38	54-92
24JTS3.400CW	24	185÷400	1600	24-40	68-96

36-42JTS3 CW MV Heat-Shrink Joints

Nexans 36-42JTS3 CW MV Heat-Shrink Joints (36JTS3 CW and 42JTS3 CW) are medium voltage heat-shrinkable straight joints with triple layer tube for Unarmoured Three Core Polymeric Cables with Copper Wire or Copper Tape Screen. Up to Umax 42kV.

36-42JTS3 CW heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Cu wire or Cu tape screen, to accommodate either crimped or mechanical connectors.

Nexans

36-42JTS3 CW MV Heat-Shrink Cable Joints

Product Code	Um (kV)	Section Range (mm²)	Length L (mm)	DOI Insulation (mm)	DOE Outer (mm)
36JTS3.95CW	36	25÷95	1400	18-32	64-92
36JTS3.240CW	36	70÷240	1600	24-38	66-112
36JTS3.300CW	36	95÷300	1600	26-40	70-118
36JTS3.400CW	36	185÷400	1800	28-44	80-132
42JTS3.95CW	42	25÷95	1400	20-34	64-94
42JTS3.240CW	42	70÷240	1600	26-42	66-114
42JTS3.300CW	42	95÷300	1600	28-46	70-122
42JTS3.400CW	42	185÷400	1800	32-48	80-136

17-24JTS3 K MV Heat-Shrink Joints

Nexans 17-24JTS3 K MV Heat-Shrink Joints (17JTS3 K and 24JTS3 K) are medium voltage heat-shrinkable straight joints with triple layer tube for Armoured Three Core Polymeric Cables with Copper Wire or Copper Tape Screen. Up to Umax 24kV.

17-24JTS3 K heat-shrinkable straight joints are designed for armoured, plastic insulated cables with Cu wire or Cu tape screen, to accommodate either crimped or mechanical connectors.

Nexans

17-24JTS3 K MV Heat-Shrink Cable Joints

Product Code	Um (kV)	Section Range (mm²)	Length L (mm)	DOI Insulation (mm)	DOE Outer (mm)
17JTS3.95K	12/17.5	25÷95	1200	12-24	40-74
17JTS3.240K	12/17.5	70÷240	1400	16-32	48-92
17JTS3.300K	12/17.5	95÷300	1400	18-34	56-98
17JTS3.400K	12/17.5	185÷400	1600	22-38	64-102
24JTS3.95K	24	25÷95	1200	18-28	48-82
24JTS3.240K	24	70÷240	1400	20-36	54-98
24JTS3.300K	24	95÷300	1600	22-38	58-98
24JTS3.400K	24	185÷400	1800	24-40	66-106

36-42JTS3 K MV Heat-Shrink Joints

Nexans 36-42JTS3 K MV Heat-Shrink Joints (36JTS3 K and 42JTS3 K) are medium voltage heat-shrinkable straight joints with triple layer tube for Armoured Three Core Polymeric Cables with Copper Wire or Copper Tape Screen. Up to Umax 42kV.

36-42JTS3 K heat-shrinkable straight joints are designed for armoured, plastic insulated cables with Cu wire or Cu tape screen, to accommodate either crimped or mechanical connectors.

Nexans

Nexans 36-42JTS3 K MV Heat-Shrink Cable Joints

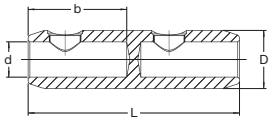
Product Code	Um (kV)	Section Range (mm²)	Length L (mm)	DOI Insulation (mm)	DOE Outer (mm)
36JTS3.95K	36	25÷95	1200	18-32	64-92
36JTS3.240K	36	70÷240	1400	24-38	66-112
36JTS3.300K	36	95÷300	1400	26-40	70-118
36JTS3.400K	36	185÷400	1600	28-44	80-132
42JTS3.95K	42	25÷95	1200	20-34	64-94
42JTS3.240K	42	70÷240	1400	26-42	66-14
42JTS3.300K	42	95÷300	1600	28-46	70-122
42JTS3.400K	42	185÷400	1800	32-48	80-136

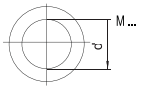
GPH Mechanical Cable Connectors

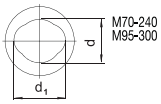
Nexans GPH Mechanical Cable Connectors (up to 52kV), with shear-off-head bolts and transverse grooving.

The connector body is made from high strength Aluminium Alloy and the bolts from brass, tin-plated, with inner and outer hexagon from Aluminium Alloy.

Connectors filled with compound and sealed in plastic.







Nexans

Nexans GPH Mechanical Cable Connectors

Product Code		AL in mm²			CU in mm²		No. of Bolts	Dimensions (mm)				Tool / Outer & Inner Hexagon
		rm (v) round stranded	**re** round solid	**sm** sector stranded	**rm (v)** round stranded	**sm** sector stranded		**L**	**d**	**D**	**b**	
M16-95		16-95	16-95	25-70	16-95	25-70	2	70	12.5	24	32	SW10 & SW6
M25-150		25-150	25-150	35-120	25-150	35-120	2	85	15.5	30	35	SW10 & SW6
M25-150/	1st Side	25-150	25-150	35-120	25-150	35-120	2	85	15.5	30	35	SW10 & SW6
16-95	2nd Side	16-95	10-95	25-70[3]	16.95	25-70[3]	2	85	12.5	30	35	SW10 & SW6
M70-240		70-240	70-240	70-240	70-240	70-240	4	120	22[1]	35	56	SW13 & SW6
M95-240		95-240	95-240	95-185	95-240	95-185	4	120	20	33	56	SW13 & SW6
M95-240/	1st Side	95-240	95-240	95-185	95-240	95-185	4	120	20	33	56	SW13 & SW6
16-95	2nd Side	16-95	10-95	25-70[3]	16-95	25-70[3]	4	120	12.5	33	56	SW6
M95-300		95-300	95-300	95-240	70-300	70-240	4	142	23[1]	36	67	SW13 & SW8
M95-300/	1st Side	95-300	95-300	95-240	70-300	70-240	4	142	23[1]	36	67	SW13 & SW8
16-95	2nd Side	16-95	10-95	25-70[3]	10-70	25-70[3]	4	142	12.5	36	67	SW6
M185-400		185-400	185-400	185-300	185-400	185-300	6	170	26	42	82	SW19 & SW6
M185-400/	1st Side	185-400	185-400	185-300	185-400	185-300	6	170	26	42	82	SW19 & SW6
95-240	2nd Side	95-240	95-240	95-185	95-240	95-185	6	170	20	42	56	SW19 & SW6
M300-500		300-500	300-500	300-400	300-500	300-400	6	20	34	52	94	SW19 & SW8
M400-630		400-630	400-630	400-500	400-630	400-500	6	20	34	52	94	SW19 & SW8
M400-630/	1st Side	400-630	400-630	400-500	400-630	400-500	5	200	34	52	94	SW19 & SW8
120-300	2nd Side	120-300	120-300	120-240	120-300	120-240	5	200	25	52	67	SW19 & SW6
M630-1000[2]		630-1000	630-1000		630-1000		8	220	41	65	105	SW19 & SW8

1) Dimension d_1 = 26 mm
2) Centric conductor positioning by center inserts
3) Round pressed
4) Other palm holes on request

SHSS Raychem Shrinkset Jointing System

Pre-engineered range taking heat-shrinkable tubings incorporating precisley engineered impedence stress control. Shrinkset joints are supplied complete with mechanical phase and screen connectors suitable for a wide range of conductor sizes with no limitations on shelf life. Joints exclude resin and are suitable for use with standard poyeurethane resin. Suitable for polymeric and paper cables, armoured and unarmoured. Conforms to Electricity Association specification ER C90.

Note: A range of build up kits are available to cover smaller cross sections used in large joints.

Please contact our technical department on +44 (0)1744 762 929 for more info.

All Resins are available from stock, both the Prysmian Jem and R2MEB ranges of Resins in various volumes.

Raychem ShrinkSet Universal Jointing System for 12 kV 3-core Polymeric and Paper Cables

Product Code	Part Number	Conductor Size (mm²)	Resin Volumes Litre(s)
Straight Joints			
SHSS 12A IND	799501-000	95-185	14
SHSS 12B IND	839121-000	185-300	28
Trifuricating 3-core to three single cores 3-core XLPE SWA to 3 x Single core poly, CWS - unarmoured			
SMOE 63180	E07331-000	95-185	26
SMOE63181	288978-000	185-300	26
3-core PILC/PICAS SWA to 3 x Single core Poly,CWS - unarmoured			
SMOE 63410*	F88630-000	70-185	14
SMOE 63411*	D48501-000	185-300	26
Branch Joint			
SMOE 61987	936473-000	95-185	36
SMOE 61988	581469-000	185-300	48
Loop Joint			
SMOE 63749	CM8097-000	95-185	27
SMOE 63750	CM8112-000	185-300	38
Pot End			
SMOE 62668	515507-000	95-300	14

Prysmian / BICON Resin

Low Density Two Part Polyurethane Resin (LDPU)

Prysmian BICON Low Density Two Part Polyurethane Resin (LDPU) has enhanced performance characteristics compared with conventional two part systems. The pre-filled resin is supplied in a twin pack pouch which provides a totally enclosed mixing system.

Low Density Two Part Polyurethane Resin (LDPU)

Product Code	Bucket Contents
MEB700	2 pouches with 3.5 litres of resin, total 7 litres (sold as 1 bucket of 7 litres)
YEG200	2 pouches with 2 litres of resin, total of 4 litres (sold per pouch, not per bucket)
YEG400	2 pouches with 4 litres of resin, total of 8 litres (sold per pouch, not per bucket)

JEM Cold Pour Resin

JEM Resin – Cold Pour Resin developed to meet the growing concerns regarding exposure to isocyanates in the workplace. A non-isocyanate system with all the technical performance characteristics of conventional resins but with additional features and benefits.

JEM Cold Pour Resin

Product Code	JEM Resin Type	Size (Litre)
CGBUJEM200P	JEM 1X	6 (3 x 2L)
CGBUJEM600	JEM 9X	6 (3 x 2L)

CJ11 Cold-Shrink Cable Joints

CJ11 Cold-Shrink Cable Joints for jointing of single core MV 12-24 kV and 36-42 kV cables with XLPE insulation and Copper wire shield. The kit is suitable for single core cables, containing the components for one core.

ENSTO

Ensto CJ11 Cold-Shrink Cable Joints				
Product Code	Conductor size (mm^2) 12 kV	Conductor size (mm^2) 24 kV	Conductor size (mm^2) 36-42 kV	Insulation Diameter Range (mm)
CJ11.2402C	35-95	10-95		13.8-27.0
CJ11.2403C	95-240	70-240		18.4-36.0
CJ11.2404C	240-300	185-300		25.3-50.0
CJ11.24045C	240-400	185-400		25.3-50.0
42 kV with connectors (Al/Cu)				
CJ11.4203C			150-240	25.3-50.0
CJ11.4204C			150-300	25.3-50.0
CJ11.42045C			185-400	28.6-50.0

Ensto CIT1 Cold-Shrink Cable Terminations

The termination kit is used for indoor terminating of XLPE insulated medium voltage cables with wire shield.The kit is suitable for single core cables, containing components for three cores including Lug, M12 Stud Hole as standard. M16 available upon request.

ENSTO

Ensto 12-24 kV Cold Shrink Cable Terminations					
Product Code	Conductor size (mm^2) 12 kV	Conductor size (mm^2) 24 kV	Installed Length (mm)	Shed dia. (mm)	Insulation Diameter Range (mm)
12-24 kV with cable lugs (Al/Cu)					
CIT1.2402L	35-95	10-95	310	58	13.8-27.0
CIT1.24025L	95-150	70-150	320	62	18.4-36.0
CIT1.2403L	95-240	70-240	330	62	18.4-36.0
CIT1.2404L	240-300	185-300	370	68	25.3-50.0
CIT1.24045L	240-400	185-400	360	68	25.3-50.0
CIT1.2405L	400-630	400-630	440	73	31.1-60.0
CIT1.24055L	800	630-800	430	78	36.8-72.0
CIT1.2406L	630-1000	630-1000	430	78	36.8-72.0

Ensto 36-42 kV Cold Shrink Cable Terminations					
Product Code	Conductor size (mm^2) 36 kV	Conductor size (mm^2) 42 kV	Installed Length (mm)	Shed dia. (mm)	Insulation Diameter Range (mm)
36-42 kV with cable lugs (Al/Cu)					
CIT1.4202L	35-95	35-95	390	100	20.8-36.0
CIT1.4203L	150-240	95-240	440	106	28.6-50.0
CIT1.4204L	120-300	120-300	440	106	28.6-50.0
CIT1.42045L	300-400	240-300	490	111	35.1-60.0
CIT1.4205L	400-630	400-630	500	111	35.1-60.0
CIT1.4206L	630-1000	630-1000	490	116	41.6-72.0

Screened Separable Connectors - Interface A

Nexans Euromold Interface A Separable Connectors is a complete range of Connectors, Plugs, Elbows, Bushings & Surge Arresters used for the termination of MV-HV cables into equipment (switchgear, transformers, motors, etc.) and substations up to 24kV.

They are suitable for termination of polymeric insulated cables (XLPE EPR) with copper wire or tape screen, wire armoured (SWA & AWA), wire braided or unarmoured cables into medium and high voltage electrical equipment with Interface A bushings.

200LR/G - Screened Separable Connectors - Interface A

Separable Connector Type	Current Ir (A)	Voltage Um (kV)	Conductor Sizes (mm^2)	Diameter over insulation (mm)
3 x (K200LR-16-120.150)	250	12	120-150	17.5-25.0
3x (K200LR-19-120.150)	250	17.5-24	120-150	21.5-28.5

200SR/G - Screened Separable Connectors - Interface A

Separable Connector Type	Current Ir (A)	Voltage Um (kV)	Conductor Sizes (mm^2)		Diameter over insulation (mm)	
			Min	Max	Min	Max
K200SR-12	250	12 17.5	25 25	95 50	13.0	21.0
K200SR-16	250	17.5 24	50 25	95 95	17.5	25.0

Screened Separable Connectors - Interface B

Nexans Euromold Interface B Separable Connectors (400 Series) is a complete range of Connectors, Plugs, Elbows, Bushings & Surge Arresters used for the termination of MV-HV cables into equipment (switchgear, transformers, motors, etc.) and substations up to 36kV.

Nexans Euromold Interface B Separable Connectors are suitable for termination of polymeric insulated cables (XLPE EPR) with copper wire or tape screen, wire armoured (SWA & AWA), wire braided or unarmoured cables into medium and high voltage electrical equipment with Interface B bushings (400 Amps).

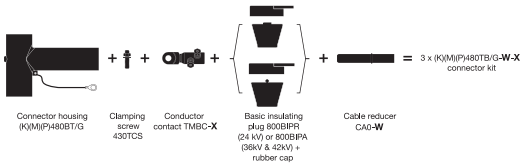
400LR/G - Screened Separable Connectors - Interface B

Separable Connector Type	Current Ir (A)	Voltage Um (kV)	Conductor Sizes (mm^2)	
			Min	Max
400LR/G	400	12	25	240
K400LR/G	400	24	25	240
M400LR/G	400	36	35	185

Separable Connectors - Interface C Compact

Nexans Euromold Interface C Compact Separable Connectors (600 Series – C2) is a complete range of Connectors, Plugs, Elbows, Bushings & Surge Arresters used for terminating MV-HV cables into equipment (switchgear, transformers, motors, etc.) and substations up to 42kV.

They are suitable for terminating polymeric (XLPE EPR) insulated cables with copper wire or tape screen, wire armoured (SWA/ AWA), wire braided or unarmoured cables into medium and high voltage electrical equipment with Interface C bushings (630-1250 Amps).

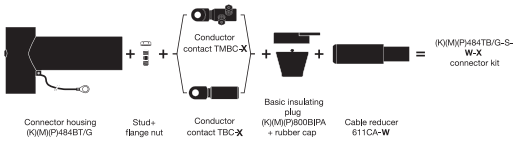


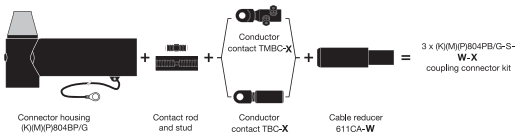
480TB/G - Separable Connectors - Interface C Compact

Separable Connector Type	Current Ir (A)	Voltage Um (kV)	Current Ir (A) When using a copper (CU-2) or a bolted (UN-5) conductor contact	Conductor Sizes (mm²)	
				Min	Max
480TB/G	630	12	1250	35	300
K480TB/G	630	24	1250	35	300
M480TB/G	630	36	1250	50	300
P480TB/G	630	42	1250	50	240

800PB/G - Separable Coupling Connectors - Int. C Compact

Separable Connector Type	Current Ir (A)	Voltage Um (kV)	Current Ir (A) When using a copper (CU-2) or a bolted (UN-5) conductor contact	Conductor Sizes (mm²)	
				Min	Max
800PB/G	630	12	1250	35	300
K800PB/G	630	24	1250	35	300
M800PB/G	630	36	1250	50	300
P800PB/G	630	42	1250	50	240



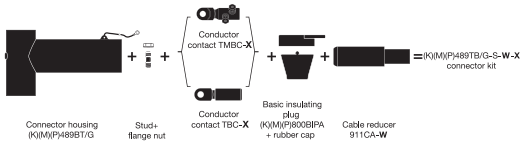


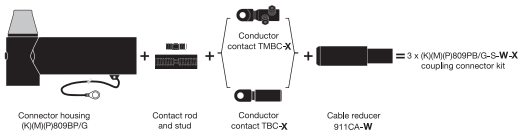
484TB/G - Separable Connectors - Interface C Compact

Separable Connector Type	Current Ir (A)	Voltage Um (kV)	Conductor Sizes (mm²)	
			Min	Max
484TB/G	1250	12	50	630
K484TB/G	1250	24	35	630
M484TB/G	1250	36	35	630
P484TB/G	1250	42	35	630

804PB/G - Separable Coupling Connectors - Int. C Compact

Separable Connector Type	Current Ir (A)	Voltage Um (kV)	Conductor Sizes (mm²)	
			Min	Max
804PB/G	1250	12	50	630
K804PB/G	1250	24	35	630
M804PB/G	1250	36	35	630
P804PB/G	1250	42	35	630





484TB/G - Separable Connectors - Interface C Compact

Separable Connector Type	Current Ir (A)	Voltage Um (kV)	Conductor Sizes (mm²)	
			Min	Max
484TB/G	1250	12	50	630
K484TB/G	1250	24	35	630
M484TB/G	1250	36	35	630
P484TB/G	1250	42	35	630

809PB/G - Separable Coupling Connectors - Int. C Compact

Separable Connector Type	Current Ir (A)	Voltage Um (kV)	Conductor Sizes (mm²)	
			Min	Max
809PB/G	1250	12	630	1200
K809PB/G	1250	24	630	1200
M809PB/G	1250	36	630	1200
P809PB/G	1250	42	630	1200

Separable Connectors - Interface C Symmetrical

Nexans Euromold Interface C Symmetrical Separable Connectors (600 Series – C1) is a complete range of Connectors, Plugs, Elbows, Bushings & Surge Arresters used for the termination of MV-HV cables into equipment (switchgear, transformers, motors, etc.) and substations up to 42kV.

They are suitable for termination of polymeric (XLPE EPR) insulated cables with copper wire or tape screen, wire armoured (SWA/ AWA), wire braided or unarmoured cables into medium and high voltage electrical equipment with Interface C bushings (630-1250 Amps).

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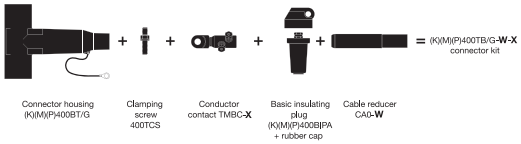
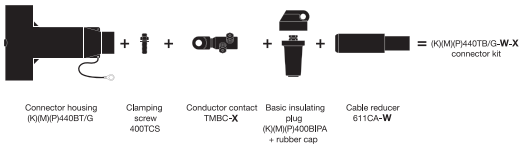




400TB/G - Separable Connectors - Interface C Symmetrical

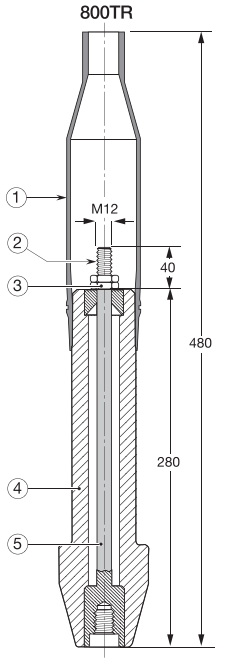
Separable Connector Type	Current Ir (A) When installed on C1 type bushing	Voltage Um (kV)	Current Ir (A) When installed on C2 type bushing	Conductor Sizes (mm²)	
				Min	Max
400TB/G	630	12	1250	35	300
K400TB/G	630	24	1250	35	300
M400TB/G	630	36	1250	35	240
P400TB/G	630	42	1250	35	240

440TB/G - Separable Coupling Connectors - Int. C Symmetrical

Separable Connector Type	Current Ir (A) When installed on C1 type bushing	Voltage Um (kV)	Current Ir (A) When installed on C2 type bushing	Conductor Sizes (mm²)	
				Min	Max
440TB/G	630	12	1250	185	630
K440TB/G	630	24	1250	185	630
M440TB/G	630	36	1250	185	630
P440TB/G	630	42	1250	185	630

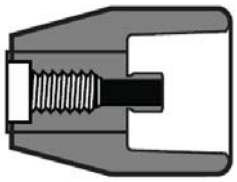
Screened Separable Connectors - Test Rods

1. Insulating shroud.
2. Threaded rod for test connection.
3. Two nuts M12.
4. Insulation.
5. Copper test rod stem.

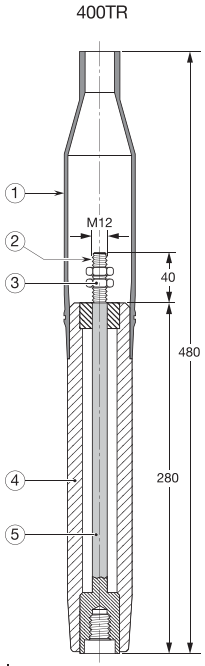


In mm.

Adaptor type: 800 TRA



Test Rod Kit



In mm.

1. Insulating shroud.
2. Threaded rod for test connection.
3. Two nuts M12.
4. Insulation.
5. Copper test rod stem.
6. Wing nut.

800TR - Screened Separable Connectors - Test Rods

Test Rod Type	Maximum A.C. Test Voltage (50Hz - 1 min)	Maximum D.C. Test Voltage (8 x U_0 - 30 min)	Impulse Voltage (1.2 x 50 μs)
800TR	36 kV	96 kV	95 kV

400TR - Screened Separable Connectors - Test Rods

Test Rod Type	Maximum A.C. Test Voltage (50Hz - 1 min)	Maximum D.C. Test Voltage (8 x U_0 - 30 min)	Impulse Voltage (1.2 x 50 μs)
400TR	36 kV	96 kV	95 kV

Screened Separable Connectors - Interface D

Nexans Euromold Interface D Separable Connectors is a complete range of Tee & Elbow Connectors, Bushings & Surge Arresters used for the termination of MV-HV cables into equipment (switchgear, transformers, motors, etc.) and substations up to 24kV.

They are suitable for termination of polymeric insulated cables (XLPE EPR) with copper wire or tape screen, wire armoured (SWA & AWA), wire braided or unarmoured cables into medium and high voltage electrical equipment with Interface D bushings.

Screened Separable Connectors - Interface E

Nexans Euromold Interface E Separable Connectors is a complete range of Tee & Coupling Connectors, Plugs, Bushings & Surge Arresters used for the termination of MV-HV cables into equipment (switchgear, transformers, motors, etc.) and substations up to 42kV.

They are suitable for termination of polymeric insulated cables (XLPE EPR) with copper wire or tape screen, wire armoured (SWA & AWA), wire braided or unarmoured cables into medium and high voltage electrical equipment with Interface E bushings.

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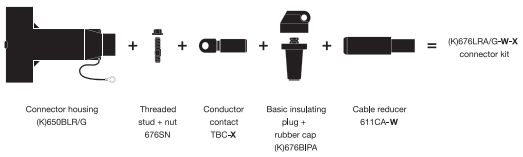
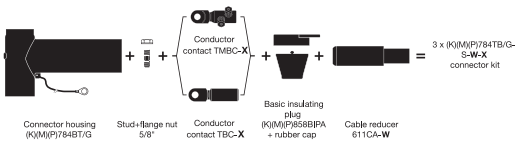


676LRA/G - Screened Separable Connectors - Interface D

Separable Connector Type	Current Ir (A)	Voltage Um (kV)	Conductor Sizes (mm²) Min	Max
676LRA/G	1250	12	50	630
K676LRA/G	1250	24	35	630



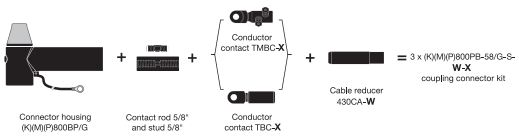
784TB/G - Screened Separable Connectors - Interface E

Separable Connector Type	Current Ir (A) When installed on appropriate equipment bushing	Voltage Um (kV)	Conductor Sizes (mm²) Min	Max
784TB/G	800	12	50	630
K784TB/G	800	24	35	630
M784TB/G	800	36	35	630
P784TB/G	800	42	35	630

Nexans

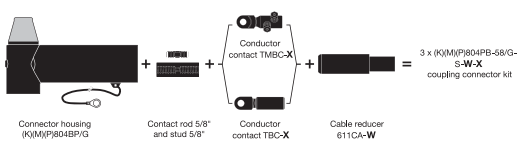
Trained Staff

E-Tech staff are fully trained in Nexans' latest MV standards, seamlessly combining expert knowledge with confident enquiry handling.



800PB/G-58 - Screened Separable Coupling Connectors - Int. E

Separable Connector Type	Current Ir (A)	Voltage Um (kV)	Conductor Sizes (mm²) Min	Max
800PB-58/G	1250	12	35	300
K800PB-58/G	1250	24	35	300
M800PB-58/G	1250	36	50	240
P800PB-58/G	1250	42	50	240



804PB/G-58 - Screened Separable Coupling Connectors - Int. E

Separable Connector Type	Current Ir (A)	Voltage Um (kV)	Conductor Sizes (mm²) Min	Max
804PB-58/G	1250	12	50	630
K804PB-58/G	1250	24	35	630
M804PB-58/G	1250	36	35	630
P804PB-58/G	1250	42	35	630

MV-ConnEX Separable Connectors
Size 1, Um = 36 kV, in = 630 A

Standard article no.

· for DIN VDE cables
· for RM-conductor (stranded circular) of aluminium or copper
· for single core cable with copper wire screen without armouring
· with sealing system (bell flange seal and shrink tubing)
· for indoor and outdoor applications
· not soil-resistant and not offshore-proof
· Packaging unit: set of three cable connectors
· offshore version on request
· 3-core version on request

PFISTERER

PFISTERER MV Connex Size 1

Connector Size (mm^2)	Conductor Diameter (mm)	Product Code 12kV	Insulation Dia. (mm) 12kV	Product Code 24kV	Insulation Dia. (mm) 24kV	Product Code 36kV	Insulation Dia. (mm) 36kV
35	6.0-7.3	870/110/035	14.5-17.5	870/120/035	18.0-21.5		
50	7.5-8.8	870/110/050	16.0-19.5	870/120/050	18.0-21.5	870/130/050	23.5-27.0
70	9.3-10.6	870/110/070	18.0-21.5	870/120/070	22.0-25.5	870/130/070	25.0-28.5
95	10.8-12.1	870/110/095	18.0-21.5	870/120/095	23.5-27.0	870/130/095	26.5-30.0
120	12.3-13.6	870/110/120	20.0-23.5	870/120/120	23.5-27.0	870/130/120	28.0-31.5
150	13.8-15.1	870/110/150	22.0-25.5	870/120/150	25.0-28.5	870/130/150	30.0-33.0
185	15.3-16.6	870/110/185	23.5-27.0	870/120/185	26.5-30.0	870/130/185	31.0-34.0
240	17.8-19.1	870/110/240	25.0-28.5	870/120/240	28.0-31.5		

Supplied as a three-phase kit. Standard kits are suitable for bonded semiconductive layer, copper-wire screened MV cables. Copper-tape screen (CuTS) cables will also require an additional EARTHING KIT.

AWA (aluminium wire armour) cables will also require **EARTHING KIT E.**

Cables with Easy-Peel semi-conductive layer will require **EARTHING KIT F.**

To compliment the range various accessories are available:

- 827/186/211 45° angled test adaptor.
- 827/181/011 Current-testing adaptor.
- 827/125/001 Cable-testing socket.
- 827/150/002 Blanking connector, to blank-off unused bushing apertures.
- 827/513/--- 10kA rated surge arresters, 7.5-36kV versions.
- Assembled test leads.
- Straight and branching joint boxes.
- 90° fixed and rotatable elbow adaptors.

Assembly Tools Size 1 - 3/3-S with carrying case

For ConnEX separable connectors size 1 - 3/3-S with carrying case, complete.

PFISTERER

Assembly Tools Size 1 - 3/3-S with Carrying Case

Product Code	For Sizes
305 768 004	1 + 2 + 2 (XL) + 3/3-S + 3/3-S (XL)

MV-ConnEX Separable Connectors
Size 2, Um = 42 kV, in = 800 A

Standard article no.
· for DIN VDE cables
· for RM-conductor (stranded circular) of aluminium or copper
· for single core cable with copper wire screen without armouring
· with sealing system (bell flange seal and shrink tubing)
· for indoor and outdoor applications
· not soil-resistant and not offshore-proof
· Packaging unit: set of three cable connectors
· offshore version on request
· 3-core version on request

PFISTERER

PFISTERER MV Connex Size 2

Connector Size (mm^2)	Conductor Diameter (mm)	Product Code 12kV	Insulation Dia. (mm) 12kV	Product Code 24kV	Insulation Dia. (mm) 24kV	Product Code 36kV	Insulation Dia. (mm) 36kV
50	7.5-8.8	870/210/050	13.7-17.5	870/220/050	20.0-23.5	870/230/050	23.5-27.0
70	9.3-10.6	870/210/070	16.0-19.5	870/220/070	20.0-23.5	870/230/070	25.0-28.5
95	10.8-12.1	870/210/095	18.0-21.5	870/220/095	22.0-25.5	870/230/095	26.5-30.0
120	12.3-13.6	870/210/120	20.0-23.5	870/220/120	23.5-27.0	870/230/120	28.0-31.5
150	13.8-15.1	870/210/150	20.0-23.5	870/220/150	25.0-28.5	870/230/150	29.5-33.0
185	15.3-16.6	870/210/185	22.0-25.5	870/220/185	26.5-30.0	870/230/185	31.0-34.0
240	17.8-19.1	870/210/240	25.0-28.5	870/220/240	29.5-33.0	870/230/240	32.5-36.0
300	19.2-20.9	870/210/300	28.0-31.5	870/220/300	31.0-34.5	870/230/300	35.0-38.0

Supplied as a three-phase kit. Standard kits are suitable for bonded semiconductive layer, copper-wire screened MV cables. Copper-tape screen (CuTS) cables will also require an additional EARTHING KIT.

AWA (aluminium wire armour) cables will also require **EARTHING KIT E.**

Cables with Easy-Peel semi-conductive layer will require **EARTHING KIT F.**

To compliment the range various accessories are available:

- 827/186/212 45° angled test adaptor.
- 827/181/012 Current-testing adaptor.
- 827/125/002 Cable-testing socket.
- 827/150/003 Blanking connector, to blank-off unused bushing apertures.
- 827/523/--- 10kA rated surge arresters, 7.5-52.5kV versions.
- Assembled test leads.
- Straight and branching joint boxes.
- Double and Quadruple multi-elbow bushing adaptors.

MV-ConnEX Separable Connectors
Size 3, Um = 42 kV, in = 1250 A

Standard article no.
· for DIN VDE cables
· for RM-conductor (stranded circular) of aluminium or copper
· for single core cable with copper wire screen without armouring
· with sealing system (bell flange seal and shrink tubing)
· for indoor and outdoor applications
· not soil-resistant and not offshore-proof
· Packaging unit: set of three cable connectors
· offshore version on request
· 3-core version on request

PFISTERER

PFISTERER MV Connex Size 3

Connector Size (mm^2)	Conductor Diameter (mm)	Product Code 12kV	Insulation Dia. (mm) 12kV	Product Code 24kV	Insulation Dia. (mm) 24kV	Product Code 36kV	Insulation Dia. (mm) 36kV
50	7.2-9.4			870/320/050	19.0-23.0	870/330/050	22.5-26.5
70	9.0-11.2			870/320/070	19.0-23.0	870/330/070	24.5-28.5
95	10.5-12.7			870/320/095	22.5-26.5	870/330/095	26.0-30.0
120	12.5-14.7	870/310/120	19.0-23.0	870/320/120	22.5-26.5	870/330/120	28.0-32.0
150	13.5-15.7	870/310/150	19.0-23.0	870/320/150	24.5-28.5	870/330/150	30.0-34.0
185	15.0-17.2	870/310/185	22.5-26.5	870/320/185	26.0-30.0	870/330/185	32.0-36.0
240	17.5-19.7	870/310/240	24.5-28.5	870/320/240	28.0-32.0	870/330/240	34.0-38.0
300	19.5-21.7	870/310/300	26.0-30.0	870/320/300	30.0-34.0	870/330/300	36.0-39.5
400	22.6-24.8	870/310/400	30.0-34.0	870/320/400	34.0-38.0	870/330/400	38.0-41.0
500	25.4-27.6	870/310/500	32.0-36.0	870/320/500	36.0-39.5	870/330/500	42.0-44.5
630	28.9-31.1	870/310/630	36.0-39.5	870/320/630	40.0-43.0	870/335/630	45.5-48.0
						870/335/631	46.5-49.0

Size 3-S, Um = 52 kV, in = 1250 A

PFISTERER MV Connex Size 3S

Connector Size (mm^2)	Conductor Diameter (mm)	Product Code	Insulation Diameter (mm)
120	11.5-13.7	850/350/120	32.0-36.0
150	13.5-15.7	850/350/150	36.0-39.5
180	15.0-17.2	850/350/185	36.0-39.5
240	17.5-19.7	850/350/240	38.0-41.0
300	19.5-21.7	850/350/300	38.0-41.0
400	22.6-24.8	850/350/400	40.0-43.0
500	25.4-27.6	850/350/500	43.5-46.0
630	28.9-31.1	850/350/630	47.5-50.0

Supplied as a three-phase kit. Standard kits are suitable for bonded semiconductive layer, copper-wire screened MV cables. Copper-tape screen (CuTS) cables will also require an additional EARTHING KIT.

AWA (aluminium wire armour) cables will also require **EARTHING KIT E.**

Cables with Easy-Peel semi-conductive layer will require **EARTHING KIT F.**

To compliment the range various accessories are available:

- 827/186/213 45° angled test adaptor.
- 827/181/013 Current-testing adaptor.
- 827/125/003 Cable-testing socket.
- 827/150/004 Blanking connector, to blank-off unused bushing apertures.
- 827/537/--- 10kA rated surge arresters, 7.5-52.5kV versions.
- Assembled test leads.
- Straight and branching joint boxes.
- Double and Quadruple multi-elbow bushing adaptors.

Ripley

Founded in 1936, Ripley is leading the way in designing and manufacturing equipment, tools and technology for specialized applications since. Today, they are global providers of cable preparation tools and accessories to power utilities, fiber optic and cable television industries.

Their pioneering approach to product design has enabled the creation of innovative tools that solve the everyday challenges faced by linemen, cable engineers, technicians and installers.

Adjustable Cable Semi-Con Shaving Tool

Ripley US02 Series – Adjustable Cable Semi-Con Shaving Tool quickly and easily removes bonded semi-con from 5 to 35 kV power cables.

Its unique blade shape preserves the smooth surface on insulation, eliminating the need for deburring or additional surface finishing.

Its optimal stability design securely supports cables with diameters from 18 mm to 60 mm (0,71″ to 2,36″) throughout the shaving operation.

US02 Series – Adjustable Cable Semi-Con Shaving Tool

Product Code	Cable Voltage (kV)	Cable Size Ø (mm)	Semi-Con Thickness (mm)	Chamfer Angle	Adjustable Cut Depth (mm)
US02-7000	5-35	18-60	2.4	12°	Up to 4

Cable Semi-Con Shaving Tool

Ripley US02 MAX Series – Cable Semi-Con Shaving Tool quickly and easily removes bonded semi-con from medium and high voltage power cables.

With a unique blade shape and stop position, this precision tool preserves the smooth surface on insulation and bevels off the edge, eliminating the need for additional surface finishing.

Engineered with multiple stainless steel contact bearings, its optimal stability design securely supports cables with diameters from 55 mm to 80 mm (2,17″ to 3,15″) throughout the shaving operation.

US02 MAX Series – Adjustable Cable Semi-Con Shaving Tool

Product Code	Cable Voltage (kV)	Cable Size Ø (mm)	Semi-Con Thickness (mm)	Chamfer Angle	Adjustable Cut Depth (mm)
US02-7100	66	55-80	2.4	12°	Up to 4

US15 Series – Large Format Cable Slitter

Ripley US15 Series – Large Format Cable Slitter is a versatile tool capable of performing slit, ring and spiral cuts on cable diameters from 10 to 60 mm.

Equipped with a hardened steel blade, the tool provides fast, safe, and precise jacket removal from both hard and soft insulated cables without damaging the underlying layers.

For HDPE, PE, PVC & Rubber jacket types.

US15 Series – Large Format Cable Slitter

Product Code	Scale	Cable Ø End Feed (mm)	Cable Ø Mid-Span Feed (mm)	Adjustable Blade Length (mm)
US15-7000	Metric	10-60	10-50	4.5
US15-7001	Customary (Inch)	10-60	10-50	4.5

US15 PRO Series – Large Format Slitting Tool

Ripley US15 PRO Series – Large Format Slitting Tool is a heavier duty cable slitter tool primarily used to assist in the removal of outer sheathing and primary insulation on low and medium voltage power cables.

The tool will cut through many forms of insulated material such as PE, XLPE, PVC, EPR, silicon rubber, EPDM, and TGGT. The tool is particularly useful on flexible conductor cables up to 5kv. The US15 PRO has a micro adjustable blade depth to avoid underlying cable damage. Can accurately perform ring, spiral, and longitudinal cuts by indexing the blade position. The high grade tool steel blade is also capable of slitting lead, Sealpic®, and other thin metallic sheathing.

For PE, XLPE, PVC, EPR, Silicon Rubber, EPDM, TGGT, Sealpic® jacket types.

US15 PRO Series – Large Format Slitting Tool

Product Code	Scale	Cable Ø (mm)	Adjustable Blade Length (mm)
US15-7010	Metric	10-60	5.5
US15-7011	Customary (Inch)	10-60	5.5

All enquiries tel: +44 (0)1744 762 929 | email: sales@etechcomponents.com | web: etechcomponents.com

Adjustable Semi-Con Scoring Tool

Ripley SCS Series – Adjustable Semi-Con Scoring Tool is a compact and user-friendly scoring tool. Scores semi-con on all medium voltage 5 to 35kV cables without damaging the insulation.

Performs longitudinal, spiral & calibrated square cuts on cable diameters ranging from 8 to 51 mm (0,31″ to 2″).

Two versions of the tool are available:
– Ripley SCS (43625, 43630): General purpose semi-con scoring for most medium voltage cable constructions, equipped with a standard cable guide.

– Ripley SCS V2 (43650, 43651): Designed to provide better control on highly bowed or curved cable & equipped with a narrowed cable guide that accommodates sheathed & jacketed 3-phase assemblies.

RIPLEY

SCS Series – Adjustable Semi-Con Scoring Tool				
Product Code	Scale	Cable Size Ø (mm)	Scale Increments	Adjustable Blade Depth (mm)
43625	Metric	8-51	0.05mm	Up to 4
43630	Customary	8-51	0.002”	Up to 4
43650	Metric	8-51	0.05mm	Up to 4
43651	Customary	8-51	0.002”	Up to 4

Cable Semi-Con Scoring Tool (45-75mm)

Ripley SCS MAX Series – Cable Semi-Con Scoring Tool (45-75mm) is an extended version of the existing SCS Series designed to make precision score depth cuts on large diameter power cable with strippable semi-con for proper semi-con removal.

The tool has a cable size range of 45 to 75 mm (1.77″ to 2.96″) diameter over the semi-con screen and a scoring depth up to 4mm (0.16″).

Two versions of the Ripley SCS MAX tool are available, one with customary/ inch scale units (US05-7100) and one with metric scale units (US05-7101).

Cutting type: Radial, Spiral, Calibrated Square Cuts.

RIPLEY

SCS MAX Series – Cable Semi-Con Scoring Tool (45-75mm)				
Product Code	Scale	Cable Size Ø (mm)	Scale Increments	Adjustable Blade Depth (mm)
US05-7101	Metric	45-75	0.05mm	Up to 4
US05-7100	Customary	45-75	0.002”	Up to 4

US14 Series – Outer Sheath Cable Slitter

Ripley US14 Series – Ratcheting Outer Sheath Cable Slitter is engineered to remove the outer sheathing from primary and secondary cables.

The US14 easily performs ring cuts and slit midspans on ducts and heavy-duty cables.

Its unique ratcheting mechanism quickly grips and penetrates ducts and cables over 25 mm in diameter.

For PVC, PE, Rubber jacket types.

RIPLEY

US14 Series – Ratcheting Outer Sheath Cable Slitter			
Product Code	Cable Access	Min. Cable Ø (mm)	Adjustable Blade Depth (mm)
US14-7000	Mid-Span, End	25	Up to 5

Nexans Expert Tool Kit

Nexans Expert Tool Kit (E-Tech Part No: NPETK) allows professionals to have all the necessary expert tools in just one place!

Includes from chamfering and insulation removal tools to scissors and measuring tapes, this tool kit features all the right tools!

Kit Part Numbers

1 – RIPLEY Semi-con Shaving Tool (US02-7000)
2 – ALROC Chamfering Tool (LHA-60)
3 – ALROC Insulation Removal Tool (BRMRD1E)
4 – ALROC Large Insulation Removal Tool (LH2)
5 – ALROC Handle For LH2
6 – ALROC Cable Stop For LH2
7 – ALROC Outer Sheath Removal Tool (PG4HTA3033)
8 – RIPLEY Large Format Cable Slitter (US15)
9 – ALROC Cable Measure Tape (MRA)
10 – RIPLEY Scissors (KS2)
11 – ALROC Case With Foam Cut-Outs

PENTA ALROC RIPLEY Nexans

Boddingtons Electrical Tools

UFS - Tool for Chamfering Primary Insulation

· Application range: Ø 15 - 60 mm
· Suggested application: Any type of primary insulation
· Designed for chamfered cuts of primary insulation of MV cables (2 x 45°)
· Positioning on the cable with a clamp system
· Tool fitted with PTFE plates ensuring optimal sliding on the cable without the use of silicone paste
· Replaceable blade
· Rotation diameter max. 130 mm
· This tool is not suitable for pencilling

boddingtonselectrical
Sicame Group

Tool for Chamfering Primary Insulation ø 15 - 60 mm		
Product Code	SKU	Cable Range (Ø mm)
UFS	244240	15-60

Insulation Chamfering Tool

· For cable diameters from 15 to 40mm
· Suitable for round MV cables up to 300mm2
· Removes the square edge on XLPE insulation to avoid damage to push-on termination joints.

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Sicame Group

Insulation Chamfering Tool, ø 15-40mm		
Product Code	SKU	Cable Range (Ø mm)
GB-KG0.5-3	KG0503	15-40

Electrical Non-Conductive Dielectric Umbrella

PVC Reinforced Cover Material 100% Waterproof. Wet Storage. Flame Retardant (BS7837:1996). No Loose Components. Fully Non-Conductive, No Metal Parts. Translucent.

boddingtonselectrical
Sicame Group

Electrical Non-Conductive Dielectric Umbrella				
Product Code	Span ft (m)	Umbrella Material	Fibreglass Telescopic Handle (m)	Weight (Kg)
612000	6 (1.8)	Heavy Duty PVC	1.5 to 2.1	6
613000	8 (2.4)	Heavy Duty PVC	1.5 to 2.1	7
614000	10 (3)	Heavy Duty PVC	1.5 to 2.1	10

Jointers Non-Conductive Pop-Up Tent

"ALL IN ONE" Inclusive of 5 door options – 1 zip (A door), 2 zip (D door), 3 zip (M door), short rear zip (for pipes & cables) & rear door entrance.

Waterproof PU coated Polyester material including waterproofing TAPED seams. Flame retardant – CPAI-84. Non-conductive. 2 zip front door. 2 zip Rear Triangle door opening. Zipped side mesh covered vents - 2off. Rear Velcro access. Assembly instructions. Fibreglass Rod dia. 10mm. Joint diameter 55mm.

boddingtonselectrical
Sicame Group

Economy Polyester Non-Conductive Jointers Pop-Up Tent				
Product Code	Erected Size (m)	Packed Size (cm)	Walk In Height (m)	Weight (Kg)
6504Z	1.4 x 1.4 x 2.0	120 x 20 x 10	1.75	9

Jointers Non-Conductive Pop-Up Tent

"ALL IN ONE" Inclusive of 5 door options – 1 zip (A door), 2 zip (D door), 3 zip (M door), short rear zip (for pipes & cables) & rear door entrance.

Upgraded stronger centre joint (Version 5 improvement). Fibreglass Rod dia. 12mm (Version 5 improvement). 100% Waterproof fabric. 100% Waterproofed Taped seams (Version 5 improvement). No loose components – Rods FIXED firmly into centre joint. Flame retardant – CPAI-84. 10 second easy assembly. Non-conductive. PU coated Polyester Cover. Side mesh covered vents - zipped 2off. Assembly instructions.

boddingtonselectrical
Sicame Group

Polyester Non-Conductive Jointers Pop-Up Tent				
Product Code	Erected Size (m)	Packed Size (cm)	Walk In Height (m)	Weight (Kg)
6506X QY6	1.8 x 1.8 x 2.0	135 x 19 x 19	1.6	9.5

Jointers Non-Conductive Pop-Up Trench Tent

Our Triangle Trench Tent is perfect for carrying out jointing, fibre optics and trench work and can be easily erected in 15-20 seconds.

Waterproof. Heavy-duty PU coated Flame Retardant BS7837:1996 Polyester. Translucent White material - top of sides, allowing natural daylight into the tent. No Loose components (Erect in seconds). Non Conductive - Fibreglass framework. Fixed rods to Centre joint Design. 2off Guy lines + Tent pegs. Full height Front & Rear central Zipped entrances. Heavy Duty Carry Bag.

boddingtonselectrical
Sicame Group

Polyester Non-Conductive Jointers Pop-Up Trench Tent			
Product Code	Erected Size (m)	Packed Size (cm)	Weight (Kg)
EU200PZTN2	N/A	155 x 13 x 13	7

Alroc (Penta) Tools

PG3HTA/2828 Pliers for MV cable outer sheath

Function(s): Cut / saw, Remove the outer sheath, Crimp connectors, Work on the outer sheath, Remove / work on the shield, Remove the outer semi-conductor, Remove the insulation, Shape the insulation.

The PG3HTA/2828 enables the user to make a circular and longitudinal cut in order to remove cable's outer sheath All cutting depth ranging from 0,5 mm / 0,019 in to 5 mm / 0,196 in are available on demand.

How to built your customized pliers : PG3HTA/yyzz
yy = Circular cutting depth e.g : 28 = 2,8 mm / 0,110 in
zz = Longitudinal cutting depth e.g : 28 = 2,8 mm / 0,110 in.

PG3HTA/2828 - Pliers for MV cable outer sheath

Product Code	Diameter (Ø mm)	Circular Cutting Thickness Capacity (mm)	Longitudinal Cutting Thickness Capacity (mm)
PG3HTA/2828	26-52	2.8	2.8

PG4HTA/3838 Pliers for MV cable outer sheath

Function(s): Cut / saw, Remove the outer sheath, Crimp connectors, Work on the outer sheath, Remove / work on the shield, Remove the outer semi-conductor, Remove the insulation, Shape the insulation.

The PG4HTA/3838 enables the user to make a circular and longitudinal cut in order to remove cable's outer sheath. All cutting depth ranging from 0,5 mm / 0,019 in to 5 mm / 0,196 in are available on demand.

How to built your customized pliers : PG4HTA/yyzz
yy = Circular cutting depth e.g : 30 = 3,0 mm / 0,118 in
zz = Longitudinal cutting depth e.g : 35 = 3,5 mm / 0,138 in.

PG4HTA/3838 - Pliers for MV cable outer sheath

Product Code	Diameter (Ø mm)	Circular Cutting Thickness Capacity (mm)	Longitudinal Cutting Thickness Capacity (mm)
PG4HTA/3838	47-75	3.8	3.8

Multiple blade diameters available for the PG3 & PG4 Models - Contact us for more info +44 (0)1744 762 929.

LHA - Tool to chamfer insulation

Function(s): Cut / saw, Remove the outer sheath, Crimp connectors, Work on the outer sheath, Remove / work on the shield, Remove the outer semi-conductor, Remove the insulation, Shape the insulation.

LHA - Tool to chamfer insulation

Product Code	Diameter (Ø mm)	Angle of The Chamfer (°)
LHA	14-40	30

BRMRD1E - Tool to remove primary insulation

Function(s): Cut / saw, Remove the outer sheath, Crimp connectors, Work on the outer sheath, Remove / work on the shield, Remove the outer semi-conductor, Remove the insulation, Shape the insulation.

The BRMRD1E enables the user to set the length and remove the insulation with a straight and neat cut on MV cables.

BRMRD1E - Tool to remove primary insulation

Product Code	Diameter (Ø mm)	Insulation Thickness Capacity (mm)
BRMRD1E	14-40	9

MF2/60 - Tool for outer sheath and insulation

Function(s): Cut / saw, Remove the outer sheath, Crimp connectors, Work on the outer sheath, Remove / work on the shield, Remove the outer semi-conductor, Remove the insulation, Shape the insulation.

The MF2/60 enables the user to :
Remove the outer sheath (PE-PVC-PR) with a straight and neat cut.

Set the length and remove thicker insulation with a straight and neat cut.

MF2/60 - Multifunction tool for outer sheath and insulation

Product Code	Diameter (Ø mm)	Outer Sheath & Insulation Thickness Capacity (mm)
MF2/60	16-58	7

Bespoke Jointer Kits

Example of one such Jointer Kit we have produced:

As well as our standard Expert Jointer Kit, we can also supply a bespoke Jointer Kit built to your personal specification. The tools are supplied in premium, high-quality cases (with an option to add your company logo) featuring laser-cut foam inserts that securely organise your selected tools for safe transportation.

Don't hesitate to get in touch with a member of the Sales Team and they will help you build your desired Jointer Kit
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Plastic case – supplied in black.
· Internal dimensions of 480 x 376 x 175mm (lid 75mm, base 100mm).
· External dimensions of 512 x 445 x 188mm.
· 72mm black LD18 plastazote lid foam.
· 95mm black LD18 plastazote base foam with layered cut-outs to suit the items shown in the photo.
· One colour screen printed logo.

Elpress Cable Preparation Tools

Battery Operated Cable Cutter (up to Ø 40mm)

Elpress PCT40 Battery Operated Cable Cutter (up to Ø 40mm) is a high-quality, simple, safe and ergonomic electric cable cutting tool. Compact yet powerful, PCT40 offers a 40 mm Ø cutting capacity for both copper and aluminium cables.

ELPRESS

PCT40 Battery Operated Cable Cutter (up to Ø 40mm)			
Product Code	Max Ø Conductor (mm)	Nett Weight (Kg)	Dimensions (L x W x H) (mm)
PCT40	40	8.72	468 x 133 x 75

Cable Cutting Tool (up to Ø 34mm)

Cable Cutting Tool (up to Ø 34mm) is a mechanical cable cutter that cuts normal types of Cu and Al cable up to 34 mm in diameter and alloyed AC overhead lines and BLX up to 241 mm² (not FeAl).

APPROVED BY NETWORK RAIL.

(PADS Certificate PA05/07403)

ELPRESS

HKS34 Cable Cutting Tool (up to Ø 34mm)			
Product Code	Max Ø Conductor (mm)	Nett Weight (Kg)	Dimensions (L x W x H) (mm)
PCT40	40	8.72	450 x 120 x 105

Battery Operated Cable Cutter (up to Ø 65mm)

Elpress PCT65 Battery Operated Cable Cutter (up to Ø 65mm) is a high-quality, simple, safe and ergonomic electric cable cutting tool. Boasting an 65 mm Ø cutting capacity for both copper and aluminium cables, the PCT65 offers great performance.

ELPRESS

PCT65 Battery Operated Cable Cutter (up to Ø 65mm)			
Product Code	Max Ø Conductor (mm)	Nett Weight (Kg)	Dimensions (L x W x H) (mm)
PCT65	65	12.27	500 x 383 x 86

Battery Operated Cable Cutter (up to Ø 85mm)

Elpress PCT85 Battery Operated Cable Cutter (up to Ø 85mm) is a high-quality, simple, safe and ergonomic electric cable cutting tool. Boasting an 85 mm Ø cutting capacity for both copper and aluminium cables, the PCT85 offers great performance.

ELPRESS

PCT85 Battery Operated Cable Cutter (up to Ø 85mm)			
Product Code	Max Ø Conductor (mm)	Nett Weight (Kg)	Dimensions (L x W x H) (mm)
PCT85	85	12.57	514 x 383 x 86

Stripping Tool for PEX Cable Insulation

Stripping Tool for PEX Cable Insulation (MV XLPE cable) is a stripping tool for fixed, outer conductive layers on PEX cables. Stripping can be carried out from Ø 10 to Ø 50 mm, which corresponds to up to 800 mm² at 12 kV, 630 mm² at 24 kV and 500 mm² at 36 kV.

ELPRESS

FBS1722 Stripping Tool for PEX Cable Insulation			
Product Code	Max Ø Conductor (mm)	Nett Weight (Kg)	Dimensions (L x W x H) (mm)
FBS1722	10-50	0.813	235 x 200 x 55

Stripping Tool for PEX Cable Insulation

Stripping Tool for PEX Cable Insulation (MV XLPE cable) is a stripping tool for PEX insulation on medium voltage cable. Stripping can be done from Ø 15 to 52 mm, equivalent to cable 12 kV 50-1000 mm², 24 kV 25-1000 mm², 36 kV up to 630 mm² and 52 kV up to 500 mm².

ELPRESS

FBS1723 Stripping Tool for PEX Cable Insulation			
Product Code	Max Ø Conductor (mm)	Nett Weight (Kg)	Dimensions (L x W x H) (mm)
FBS1723	15-52	1.072	275 x 220 x 65

Cables & Tables Data

Single Core 6481B/X Cables - BS50525	
Cross Sectional Area (mm^2)	Nominal Outside Diameter (mm^2)
16	7.8
25	9.7
35	10.9
50	12.8
70	14.6
95	17.1
120	18.8
150	20.9
185	23.3
240	26.6
300	29.6
400	33.2
500	36.9
630	41.1

Single Core BS5467 AWA Armoured LV Cables				
Cross Sectional Area (mm^2)	Nominal Outside Diameter (mm^2)	AWA Diameter (mm)	AWA CSA (mm^2)	Under Armour Diameter (mm)
70	20.0	1.25	42	14.7
95	21.6	1.25	47	16.3
120	23.2	1.25	52	17.9
150	25.8	1.60	76	19.8
185	28.0	1.60	84	22.0
240	30.5	1.60	94	24.5
300	33.5	1.60	104	27.3
400	37.4	2.00	147	30.2
500	40.7	2.00	163	33.3
630	44.9	2.00	182	37.3
800	54.8	2.50	260	45.8
1000	58.4	2.50	284	49.2

Single Core Double Insulated Cables - 6181Y	
Cross Sectional Area (mm^2)	Nominal Outside Diameter (mm^2)
50	13.1
70	15.1
95	16.7
120	18.3
150	20.2
185	22.4
240	25.3
300	28.1
400	31.2
500	34.6
630	38.9
800	43.6
1000	50.8

Single Core BS5467 AWA Cables 3.3kV				
Cross Sectional Area (mm^2)	Nominal Outside Diameter (mm^2)	AWA Diameter (mm)	AWA CSA (mm^2)	Under Armour Diameter (mm)
50	20.1	1.25	26	14.8
70	21.9	1.25	42	16.6
95	23.5	1.25	47	18.2
120	25.6	1.60	52	19.6
150	27.1	1.60	76	21.1
185	28.9	1.60	84	22.8
240	31.2	1.60	94	25.1
300	33.9	1.60	104	27.7
400	37.4	2.00	147	30.2
500	40.7	2.00	163	33.3
630	44.9	2.00	182	37.3
800	54.8	2.50	260	42.2
1000	58.4	2.50	284	49.2

Single Core Trirated Cables - BS6231 Type CK	
Cross Sectional Area (mm^2)	Nominal Outside Diameter (mm^2)
25	12.5 - 16.5
35	14.0 - 18.5
50	16.5 - 21.0
70	18.5 - 23.5
95	21.0 - 26.0
120	23.5 - 28.5
150	26.0 - 31.5
185	27.5 - 34.5
240	30.5 - 38.0
300	33.5 - 41.5
400	37.5 - 46.5
500	41.5 - 51.5
630	45.5 - 56.5

Data based on standard industry data at time of print

For any cable data not mentioned please contact our technical department on +44 (0)1744 762 929 - sales@etechcomponents.com for more info.

Cables & Tables Data

Multicore SWA Cables - BS5467					
Nominal CSA (mm^2)	Number of Cores	Insulation Thickness (mm)	Under Armour Dia. (mm)	Overall Dia. (mm)	Nominal Weight (Kg/KM)
1.5	2	0.6	7.3	12.1	302
2.5	2	0.7	8.5	13.6	346
4	2	0.7	9.4	14.7	410
6	2	0.7	10.5	15.9	499
10	2	0.7	12.3	18	648
16	2	0.7	14.3	20.4	978
25	2	0.9	14.7	20.4	1290
35	2	0.9	16.8	23.8	1500
50	2	1.0	19.0	25.8	1890
70	2	1.1	22.0	29	2450
95	2	1.1	25.1	33.1	3300
120	2	1.2	27.9	36.1	4020
150	2	1.4	30.9	39.3	4750
1.5	3	0.6	7.8	12.6	330
2.5	3	0.7	9.2	14.1	390
4	3	0.7	10.0	15.3	464
6	3	0.7	11.2	16.6	568
10	3	0.7	13.1	19.5	866
16	3	0.7	15.3	21.6	1152
25	3	0.9	18.9	23.6	1800
35	3	0.9	21.3	25.7	2230
50	3	1.0	21.7	28.5	2490
70	3	1.1	25.2	32.2	3290
95	3	1.1	28.8	37	4440
120	3	1.2	32.0	40.4	5470
150	3	1.4	35.9	45.8	6930
185	3	1.6	40.0	49.8	8350
240	3	1.7	44.9	55.1	10400
300	3	1.8	49.8	60.2	12600
400	3	2.0	55.8	66.6	14600
1.5	4	0.6	8.5	13.3	365
2.5	4	0.7	9.9	15	438
4	4	0.7	11.0	16.4	532
6	4	0.7	12.3	18.7	764
10	4	0.7	14.5	21.1	1013
16	4	0.7	17.0	23.4	1360
25	4	0.9	21.0	26.1	2160
35	4	0.9	23.6	28.6	2690
50	4	1.0	25.0	32	3130
70	4	1.1	29.5	37.7	4500
95	4	1.1	33.3	41.7	5600
120	4	1.2	37.5	47.1	7400
150	4	1.4	41.6	51.4	8780
185	4	1.6	46.4	56.6	10630
240	4	1.7	52.6	63	13390
300	4	1.8	58.0	68.8	16290
400	4	2.0	65.4	78.1	19800

Multicore SWA Cables - BS5467					
Nominal CSA (mm^2)	Number of Cores	Insulation Thickness (mm)	Under Armour Dia. (mm)	Overall Dia. (mm)	Nominal Weight (Kg/KM)
1.5	5	0.6	9.7	14.3	410
2.5	5	0.7	11.7	16.1	470
4	5	0.7	13.0	17.8	710
6	5	0.7	14.5	20.0	876
10	5	0.7	17.2	22.9	1165
16	5	0.7	20.0	26.6	1742
25	5	0.9	24.7	31.5	2323
35	5	0.9	27.8	34.8	2932
50	5	1.0	32.4	40.4	4192
1.5	7	0.6	10.2	15.2	470
2.5	7	0.7	12.3	17.1	600
4	7	0.7	13.6	19.1	881
1.5	12	0.6	13.7	19.4	780
2.5	12	0.7	16.3	22.4	1000
1.5	19	0.6	16.2	22.2	1000
2.5	19	0.7	19.9	26.6	1540
1.5	27	0.6	20.0	26.7	1500
2.5	27	0.7	24.0	30.7	1950
1.5	37	0.6	22.3	29.0	1800
2.5	37	0.7	26.9	33.8	2350

Cables & Tables Data

FP600S Fire Resistant Armoured Power Cable. BS 7846-F120. 600/1000 V					
Nominal CSA (mm^2)	Number of Cores	Nominal Dia. of Armouring Wire (mm)	Under Armour Dia. (mm)	Overall Dia. (mm)	Nominal Weight (Kg/KM)
4	2	1.25	15.1	24	1000
6	2	1.25	15.3	23	980
10	2	1.25	17.3	23	1100
16	2	1.25	18.5	25	1250
25	2	1.25	21	27	1550
35	2	1.6	24	31	2100
50	2	1.6	23	30	2100
70	2	1.6	26	33	2600
95	2	2.0	27	36	3400
120	2	2.0	31	39	4100
150	2	2.0	33	42	4800
185	2	2.5	37	47	6100
240	2	2.5	41	51	7500
300	2	2.5	45	56	9000
400	2	2.5	50	61	10900
4	3	1.25	15.2	22	950
6	3	1.25	15.3	22	920
10	3	1.25	18.7	25	1200
16	3	1.25	19.7	26	1400
25	3	1.25	23	30	2000
35	3	1.6	26	33	2500
50	3	1.6	26	33	2700
70	3	1.6	29	36	2400
95	3	2.0	32	41	4600
120	3	2.0	25	44	5500
150	3	2.0	38	53	6850
185	3	2.5	43	55	8200
240	3	2.5	47	58	10300
300	3	2.5	52	63	12300
400	3	2.5	58	69	15100
4	4	1.25	16.2	23	960
6	4	1.25	16.5	24	1050
10	4	1.25	21	26	1400
16	4	1.25	22	28	1650
25	4	1.6	26	33	2400
35	4	1.6	29	36	3000
50	4	1.6	30	37	3300
70	4	2.0	32	41	4500
95	4	2.0	36	45	5700
120	4	2.5	40	50	7300
150	4	2.5	44	54	8600
185	4	2.5	49	59	10500
240	4	2.5	54	65	12900
300	4	2.5	59	70	15600
400	4	3.15	66	79	20200
4	5	1.25	16.8	24	1050
6	5	1.25	18	24	1150
10	5	1.25	23	29	1650
16	5	1.6	25	32	2100
25	5	1.6	28	35	2800
35	5	1.6	32	39	3300

Cables & Tables Data

Single Core BS7870 cuWS Cables MDPE

Nominal CSA (mm^2)	Voltage (kV)	Cu Wire Screen Area (mm^2)	Primary Insulation Dia. (mm)	Overall Dia. (mm)	Nominal Weight (Kg/KM)
70	6.35 / 11 (12)	16	20.8	27.6	917
95	6.35 / 11 (12)	16	22.5	29.3	1020
120	6.35 / 11 (12)	16	24.0	30.7	1122
150	6.35 / 11 (12)	16	25.3	33.1	1260
185	6.35 / 11 (12)	25	27.0	34.0	1378
240	6.35 / 11 (12)	25	29.0	36.6	1581
300	6.35 / 11 (12)	25	31.5	39.1	1810
400	6.35 / 11 (12)	35	34.3	42.0	2143
500	6.35 / 11 (12)	35	37.2	45.5	2521
630	6.35 / 11 (12)	35	40.4	49.8	3067
70	12.7 / 22 (24)	16	22.9	32.2	1099
95	12.7 / 22 (24)	16	24.6	33.7	1204
120	12.7 / 22 (24)	16	26.1	35.3	1327
150	12.7 / 22 (24)	16	27.4	37.5	1467
185	12.7 / 22 (24)	25	29.1	38.6	1593
240	12.7 / 22 (24)	25	31.1	41.2	1825
300	12.7 / 22 (24)	25	33.6	43.5	2058
400	12.7 / 22 (24)	35	36.4	46.3	2407
500	12.7 / 22 (24)	35	39.3	49.9	2812
630	12.7 / 22 (24)	35	42.5	54.2	3386
70	19 / 33 (36)	16	27.0	34.1	1560
95	19 / 33 (36)	16	28.7	36.1	1880
120	19 / 33 (36)	16	30.0	37.5	2160
150	19 / 33 (36)	16	31.5	39.3	2480
185	19 / 33 (36)	25	33.1	41.0	2860
240	19 / 33 (36)	25	35.6	43.8	3530
300	19 / 33 (36)	25	38.1	46.6	4220
400	19 / 33 (36)	35	41.2	50.2	5150
500	19 / 33 (36)	35	44.2	53.4	6250
630	19/ 33 (36)	35	48.3	58.0	7740

Single Core BS6622 AWA Cables

Nominal CSA (mm^2)	Voltage (kV)	Armour Wire Dia.(mm^2)	Primary Insulation Dia. (mm)	Overall Dia. (mm)	Nominal Weight (Kg/KM)
70	11	1.6	18.8	29.7	1600
95	11	1.6	20.5	31.4	1900
120	11	1.6	22.0	33.1	2200
150	11	1.6	23.3	35.4	2600
185	11	2.0	35.1	37.2	3000
240	11	2.0	27.3	39.8	3600
300	11	2.0	29.6	42.3	4300
400	11	2.0	32.3	45.2	5200
500	11	2.0	35.2	49.5	6500
630	11	2.5	38.6	53.3	7900
70	33	2.0	28.9	41.4	2400
95	33	2.0	30.6	43.3	2700
120	33	2.0	32.1	44.8	3100
150	33	2.5	33.4	47.5	3600
185	33	2.5	35.2	49.5	4000
240	33	2.5	37.4	51.7	4700
300	33	2.5	39.7	54.4	5500
400	33	2.5	42.4	57.3	6400
500	33	2.5	45.3	60.6	7600
630	33	2.5	48.7	64.2	9100

Three Core BS6622 SWA Cables

Nominal CSA (mm^2)	Voltage (kV)	Armour Wire Dia. (mm^2)	Primary Insulation Dia. (mm)	Overall Dia. (mm)	Nominal Weight (Kg/KM)
35	11	2.5	15.9	50.3	4700
70	11	2.5	17.0	53.1	5500
70	11	2.5	18.8	57.1	6400
95	11	2.5	20.5	61.2	7500
120	11	2.5	22.0	65.0	8600
150	11	2.5	23.3	68.0	9600
185	11	2.5	25.1	72.3	11200
240	11	3.15	27.3	79.0	14200
300	11	3.15	29.6	84.5	16500
400	11	3.15	32.3	90.9	19700

For any cable data not mentioned please contact our technical department on +44 (0)1744 762 929 - sales@etechcomponents.com for more info.

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