

Distribution Design Catalogue – Section 07: CN – Conductors and Fittings

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Document Control		
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Date Created/Last Updated	December 2025	
Review Frequency **	Annually	
Next Review Date **	December 2026	

* Shall be the Process Owner and is the person assigned authority and responsibility for managing the whole process, end-to-end, which may extend across more than one division and/or functions, in order to deliver agreed business results.

** Frequency period is dependent upon circumstances– maximum is 5 years from last issue, review, or revision whichever is the latest. If left blank, the default shall be 1 year unless otherwise specified.

Revision Control		
Revision	Date	Description
15	03/12/2025	Updated Compatible units

STAKEHOLDERS	
<i>The following positions shall be consulted if an update or review is required:</i>	
Asset Managers	Field Practice Coordinator
Works Delivery Managers	Logistic Manager
Asset Service Delivery Managers	EPCM Contract Manager

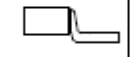
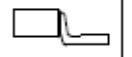
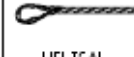
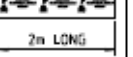
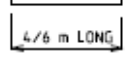
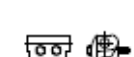
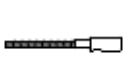
CONDUCTORS AND FITTINGS LIST

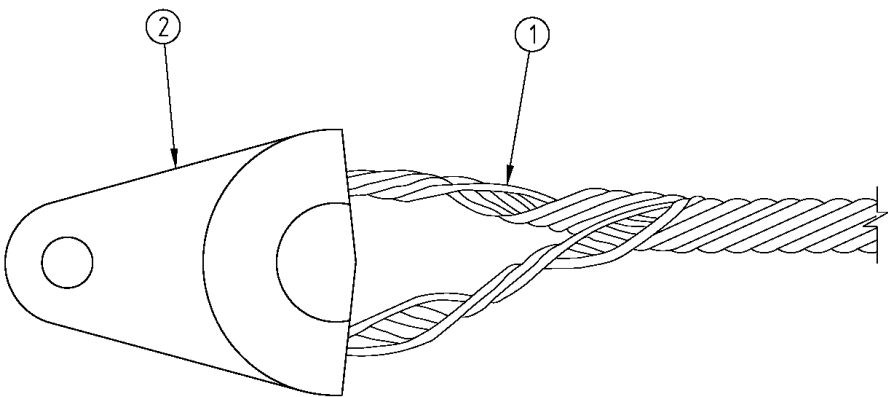
CU	CU DESCRIPTION
CN1_7/250	Termination – AAC & AAAC_7/2.50
CN1_7/475	Termination – AAC & AAAC_7/4.75
CN1_19/325	Termination – AAC & AAAC_19/3.25
CN1_7/300	Termination – AAC & AAAC_7/3.00
CN1_7/375	Termination – AAC & AAAC_7/3.75
CN1_7/450	Termination – AAC & AAAC_7/4.50
CN4_3/275	Termination – SCGZ_3/2.75
CN4_7/160	Termination – SCGZ_7/1.60
CN4_SCAC	Termination – SCAC
CN6_3/275	Angle assembly – SCGZ_3/2.75
CN6_3/275AC	Angle assembly – SCAC_3/2.75
CN6_7/160	Angle assembly – SCGZ_7/1.60
CN8_7/250	Angle clamp – AAC and AAAC_7/2.50
CN8_7/475	Angle clamp – AAC and AAAC_7/4.75
CN8_19/325	Angle clamp – AAC and AAAC_19/3.25
CN9_3/275	PG clamp SCGZ to SCGZ or SCAC
CN9_AL_AL	PG clamp aluminium to aluminium
CN9_AL_CU_S	PG clamp aluminium to copper_small_Bi-metal
CN9_AL_CU_L	PG clamp aluminium to copper_large_Bi-metal
CN9_CU	PG clamp copper to copper_250 amp max.
CN10_7/250	Lug bi-metal M10 hole_7/2.50
CN10_7/475	Lug bi-metal M10 hole_7/4.50 & 7/4.75 AAC/AAAC
CN10_19/325	Lug bi-metal M10 hole_19/3.25
CN11_7/250	Lug bi-metal M12 hole_7/2.50 AAC/AAAC
CN11_7/475	Lug bi-metal M12 hole_7/4.75 AAC/AAAC
CN11_19/325	Lug bi-metal M12 hole_19/3.25 AAC/AAAC
CN11_7/300	Lug bi-metal M12 hole_7/3.00 AAC/AAAC
CN11_7/375	Lug bi-metal M12 hole_7/3.75 AAC/AAAC
CN11_95	Lug bi-metal M12 hole_95 LV ABC
CN11_150	Lug bi-metal M12 hole_150 LV ABC
CN13_7/250AA	Helical termination AAC & AAAC_7/2.50
CN13_7/475AA	Helical termination AAC & AAAC_7/4.75
CN13_19/325A	Helical termination AAC & AAAC_19/3.25
CN13_7/160GZ	Helical termination SCGZ_7/1.60
CN13_3/275GZ	Helical termination SCGZ_3/2.75
CN13_3/275AC	Helical termination SCAC_3/2.75

CU	CU DESCRIPTION
CN13_7/160CU	Helical termination copper_7/1.60
CN13_7/200CU	Helical termination copper_7/2.00
CN13_7/275CU	Helical termination copper_7/2.75
CN13_7/300AA	Helical termination AAC and AAAC_7/3.00
CN13_7/375AA	Helical termination AAC and AAAC_7/3.75
CN13_7/450AA	Helical termination AAC and AAAC_7/4.50
CN17_7/250	Full tension comp joint AAC/AAAC_7/2.50
CN17_7/475	Full tension comp joint AAC/AAAC_7/4.75
CN17_19/325	Full tension comp joint AAC/AAAC_19/3.25
CN17_7/300	Full tension comp joint AAC/AAAC_7/3.00
CN17_7/375	Full tension comp joint AAC/AAAC_7/3.75
CN17_3/275	Full tension helical midspan join SCAC_3/2.75
CN17_MT1	Mechanical Tension Repair Splice – AAC/AAAC/ACSR 6-11.3 mm
CN17_MT2	Mechanical Tension Repair Splice – AAC/AAAC/ACSR 10-14.3 mm
CN18_7/250AA	Armour rods AAC & AAAC_7/2.50
CN18_7/375AA	Armour rods AAC & AAAC_7/3.75 & ACSR 6/1/3.75
CN18_7/475AA	Armour rods AAC & AAAC_7/4.75
CN18_19/325A	Armour rods AAC & AAAC_19/3.25
CN18_7/300	Armour rods for AA & AAA 7/3.00 & 6/1/3.00 ACSR
CN18_7/160	Armour rods for SCGZ_7/1.60
CN18_3/275GZ	Armour rods SCGZ_3/2.75
CN18_3/275AC	Armour rods SCAC_3/2.75
CN26_AL_TIE	Ties HV / LV AAC & AAAC
CN27_3/275	Tie 3/2.75_STEEL
CN27_CULV	Tie LV_COPPER
CN27_CUHV	Tie HV_COPPER
CN27_7/160	Tie 7/1.60_STEEL_SIDE
CN27_SCGZ_T	Tie 3/2.75_STEEL_TOP
CN30_7/2.50	Stirrup live line clamp_7/2.50
CN30_7/4.75	Stirrup live line clamp_7/4.75
CN30_19/3.25	Stirrup live line clamp_19/3.25
CN30_7/16	Stirrup live line clamp_7/16 SCGZ
CN30_3/2.75	Stirrup live line clamp_3/275 SCGZ/SCAC
CN35_10	Pole mounted LV fuse holder with 10 amp fuse
CN35_10SL	Pole mounted LV street light fuse holder with 10 amp
CN35_30	Pole mounted LV fuse holder with 30 amp fuse
CN35_50	Pole mounted LV fuse holder with 50 amp fuse
CN35_60	Pole mounted LV fuse holder with 60 amp fuse

CU	CU DESCRIPTION
CN35_80	Pole mounted LV fuse holder with 80 amp fuse
CN35_100	Pole mounted LV fuse holder with 100 amp fuse
CN36_7/475	Conductor AAAC 7/4.75
CN36_19/325	Conductor AAAC 19/3.25
CN37_3/275	Conductor SCAC 3/2.75
CN38_95	Conductor LVABC 95
CN38_150	Conductor LVABC 150
CN41_TERMITE	Cable 0.6/1kV 1c x 16sqmm Cu XLPE streetlight - DBT
CN42_TERM	Cable 0.6/1kV 3c x 25sqmm Cu XLPE - DBT
CN45_TERMITE	Cable 0.6/1kV 3c x 240sqmm Al XLPE - DBT protection
CN46_TERM	Cable 12.7/22kV 3x1c 35sqmm Al TR-XLPE - DBT
CN48_TERM	Cable 12.7/22kV 3x1c 185sqmm Stranded Al TR- XLPE - Termicide protection
CN48_33	Cable 19.1/33kV 3x1c 185sqmm Stranded Al TR- XLPE - Termicide protection
CN51_1PHASE	Cable 19.1/33kV 1c 50sqmm Stranded Al TR-XLPE - DBT
CN51_3PHASE	Cable 19.1/33kV 3x1c 50sqmm Stranded Al TR-XLPE - DBT
CN53_TERMITE	Cable 12.7/22kV 3x1c 400sqmm Stranded Al TR-XLPE - DBT
CN53_240	Cable 12.7/22kV 3x1c 240sqmm Stranded CU Triplex
CN54_2M_SLAB	Cable protector plastic slabs 2.1 m long
CN56_25	Conduit 25 dia 4 m long
CN56_32	Conduit 32 dia 4 m long
CN56_50	Conduit 50 dia 4 m long
CN56_50GR	Conduit 50 dia 4 m long_Grey
CN56_80	Conduit 80 dia 4 m long
CN56_100	Conduit 100 dia 6 m long
CN56_125	Conduit 125 dia 6 m long
CN56_150	Conduit 150 dia 6m long
CN60	Cable 0.6/1kV 1c x 400sqmm CU XLPE - DBT
CN61_125	Cable below warning tape 125 x 690 m roll
CN64_L	UG Cable Marker & Danger Label (1.6 m Post)
CN65_95/35	I.P.C LVABC to LVABC and service_95/35
CN65_95/95	I.P.C LVABC to LVABC and service_95/95
CN65_150/35	I.P.C LVABC to LVABC and service_150/35
CN65_150/150	I.P.C LVABC to LVABC and service_150/150
CN68_95/35	I.P.C LVABC to 2 service_95/35
CN68_150/35	I.P.C LVABC to 2 service_150/35
CN68_150/50	I.P.C LVABC to 4 service_150/35
CN69_95	Splice LVABC to bare copper_95
CN69_150	Splice LVABC to bare copper_150

CU	CU DESCRIPTION
CN70_95	Splice LVABC to bare aluminium_95
CN70_150	Splice LVABC to bare aluminium_150
CN71_2/6	Conductor twisted 2 core x 6 mm
CN71_4/6	Conductor twisted 4 core x 6 mm
CN71_2/16	Conductor twisted 2 core x 16 mm
CN71_4/16	Conductor twisted 4 core x 16 mm
CN72	Strain clamp – house service
CN73_SMALL	End cap heat shrink 60 mm
CN73_MEDIUM	End cap heat shrink 80 mm
CN73_LARGE	End cap heat shrink 110 mm
CN73_SL	End cap heat shrink 10/16 SL cable
CN73_LV25	End cap heat shrink 25 LV cable
CN74_3/275	Vibration damper for 3/2.75 (SCAC and SCGZ)
CN74_6/1/250	Vibration damper for 6/1/2.50 ACSR/AZ
CN74_6/1/300	Vibration damper for 6/1/3.00 ACSR/AZ
CN74_6/475	Vibration damper for 6/4.75 – 7/1.60 ACSR/AZ
CN74_7/250	Vibration damper for 7/2.50 AAC/AAAC
CN74_7/475	Vibration damper for 7/4.75 AAC/AAAC
CN74_19/375	Vibration damper for 19/3.75 AAC/AAAC
CN79_3/275	Bird Diverter for 3/2.75 (SCAC and SCGZ)
CN79_19/325	Bird Diverter for 19/3.25 (AAC/AAAC)
CN79_7/250	Bird Diverter for 7/2.50 (AAC/AAAC)
CN79_7/375	Bird Diverter for 7/3.75 (AAC/AAAC)
CN79_7/475	Bird Diverter for 7/4.75 (AAC/AAAC)
CN80	Crossarm Cover 100 mm
CN81	Bird Spikes
CN82	Tie Wire 2 m
CN83_75	Crossarm End Caps (75x75 SHS)
CN83_100	Crossarm End Caps (100x100 SHS)
CN83_125	Crossarm End Caps (125x75 SHS)
CN84	High Voltage Insulator Cover
CN85	LV Spreader Rod – PVC White

 TERMINATION AAC/AAAC CN 1	 TERMINATION SCGZ & SCAC CN 4	 ANGLE ASSEMBLY SCGZ & SCAC CN 6	 ANGLE CLAMP AAC & AAAC CN 8	 PG CLAMP CN 9	 LUG B1 METAL M10 HOLE CN 10	 LUG B1 METAL M12 HOLE CN 11	
 HELICAL TERMINATION CN 13	 CONDUCTOR JOINTS CN 17	 ARMOUR RODS CN 18	 TIES - HV/LV AAC/AAAC CN 26	 TIES STEEL&COPPER CN 27	 STIRRUP LIVE LINE CLAMP CN 30	 LV FUSE HOLDER CN 35	
 CONDUCTOR AAAC CN 36	 CONDUCTOR SCAC CN 37	 CONDUCTOR LVABC 95/150 CN 38	 CABLE 16 SL CN 41	 CABLE 25 LV CN 42	 CABLE 240 LV CN 45	 CABLE 35 3x1C HV CN 46	
 CABLE 185 3x1C HV CN 48	 CABLE 50 3x1C HV CN 51	 CABLE 400 3x1C HV CN 53	 PLASTIC SLABS CN 54	 CONDUIT CN 56	 CABLE 400 1 x 1C LV CN 60	 CABLE BELOW WARNING TAPE CN 61	
 U/G CABLE MARKER CN 64	 IPC CN 65	 IPC ABC 2 SERVICE CN 68	 SPLICE ABC TO COPPER CN 69	 SPLICE ABC TO ALUMIN CN 70	 CONDUCTOR SERVICE 6/16mm CN 71	 STRAIN CLAMP SERVICE CN 72	
 CABLE END CAPS CN 73	 VIBRATION DAMPER CN 74	 BJRD DIVERTERS CN 79	 CROSSARM COVER CN 80	 BIRD SPIKE CN 81	 TIE WIRE - 2m CN 82	 CROSSARM ENDCAP CN 83	
 HV INSULATION COVER CN 84	 LV SPREADER RODS CN 85						
 DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION		COMPATIBLE UNIT				REVISION 16	DATE 11/11/25
		CN COMPATIBLE UNITS				DRAWING No. CN INDEX	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 3	DATE 14/10/25
	TERMINATION AAC/AAAC	DRAWING No. CN1	

CU	CU DESCRIPTION
CN1_7/250	Termination – AAC & AAAC_7/2.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0752	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	

CU	CU DESCRIPTION
CN1_7/475	Termination – AAC & AAAC_7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0757	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	

CU	CU DESCRIPTION
CN1_19/325	Termination – AAC & AAAC_19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0758	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	

CU	CU DESCRIPTION
CN1_7/300	Termination – AAC & AAAC_7/3.00

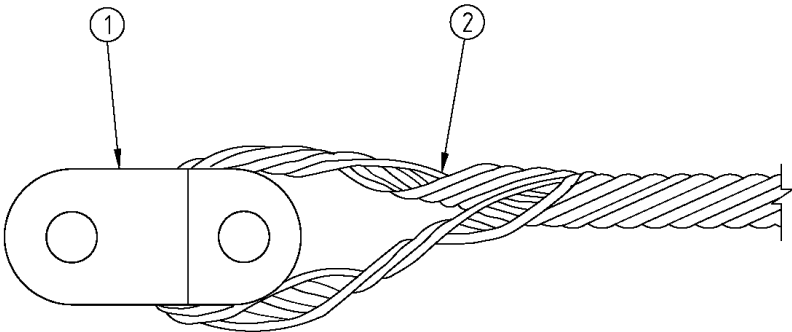
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0520	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	

CU	CU DESCRIPTION
CN1_7/375	Termination – AAC & AAAC_7/3.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0522	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	

CU	CU DESCRIPTION
CN1_7/450	Termination – AAC & AAAC_7/4.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0524	Helical grip	1	ea	
2	CT0011	Clevis thimble	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 3	DATE 14/10/25
	TERMINATION SCGZ/SCAC CONDUCTOR	DRAWING No. CN4	

CU	CU DESCRIPTION
CN4_3/275	Termination–SCGZ_3/2.75

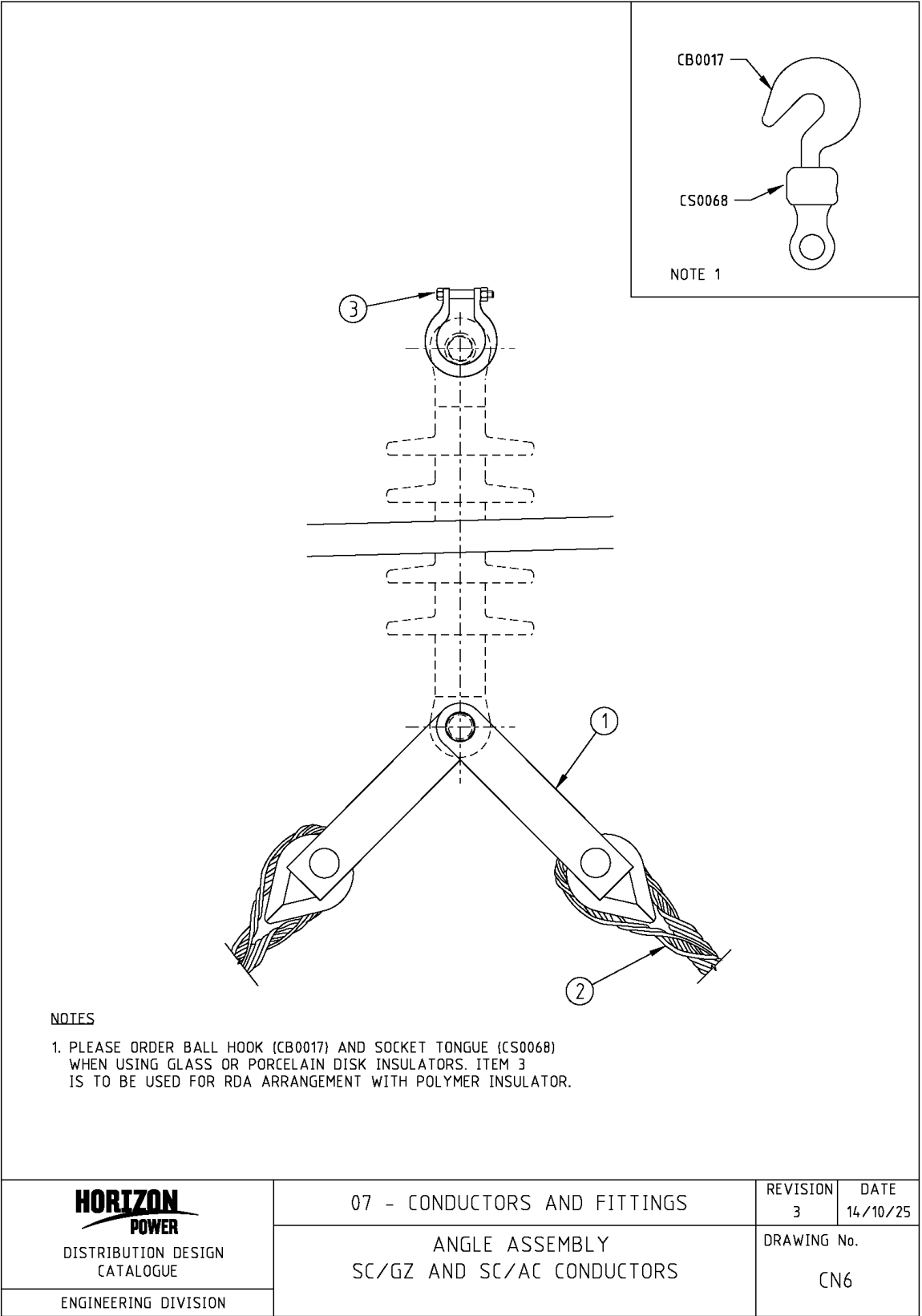
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0037	Clevis thimble	1	ea	
2	CF0661	Helical termination	1	ea	

CU	CU DESCRIPTION
CN4_7/160	Termination–SCGZ_7/1.60

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0037	Clevis thimble	1	ea	
2	CF0669	Helical termination	1	ea	

CU	CU DESCRIPTION
CN4_SCAC	Termination – SCAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0037	Clevis thimble	1	ea	
2	CF0700	Helical grip	1	ea	



CU	CU DESCRIPTION
CN6_3/275	Angle assembly – SCGZ_3/2.75

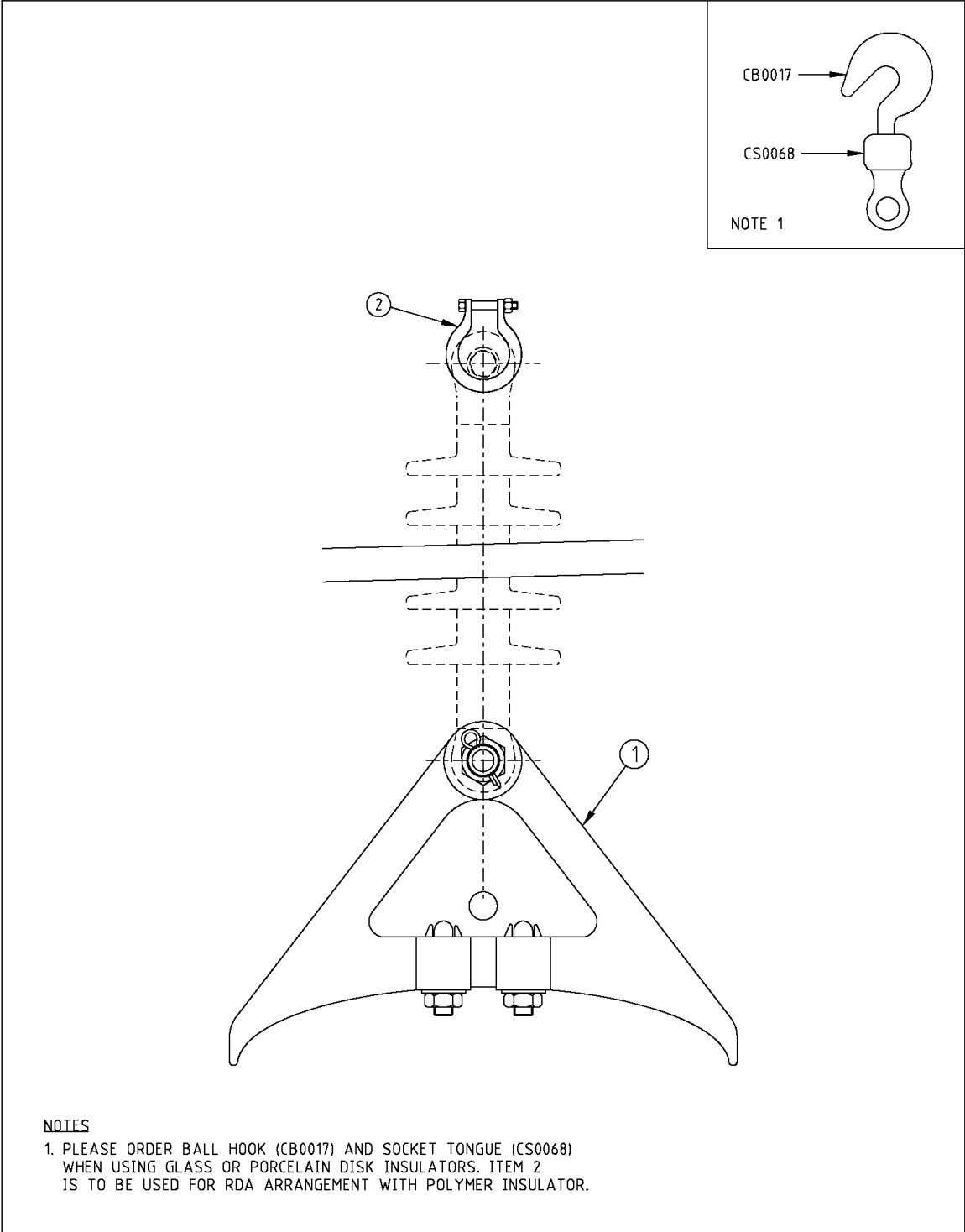
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CA0055	Mounting bracket	1	ea	
2	CF0661	Helical termination	2	ea	
3	OS0055	Shackle	1	ea	

CU	CU DESCRIPTION
CN6_3/275AC	Angle assembly – SCAC_3/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CA0055	Mounting bracket	1	ea	
2	CF0700	Helical termination	2	ea	
3	OS0055	Shackle	1	ea	

CU	CU DESCRIPTION
CN6_7/160	Angle assembly – SCGZ_7/1.60

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CA0055	Mounting bracket	1	ea	
2	CF0669	Helical termination	2	ea	
3	OS0055	Shackle	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 3	DATE 14/10/25
	ANGLE CLAMP AAC & AAAC CONDUCTOR	DRAWING No.	
		CN8	

CU	CU DESCRIPTION
CN8_7/250	Angle clamp – AAC & AAAC 7/2.50

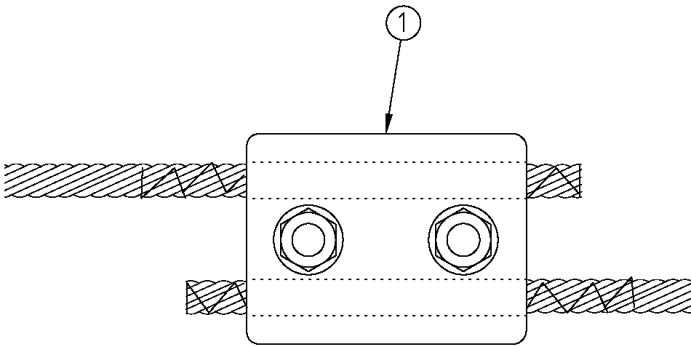
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0167	Angle clamp	1	ea	
2	OS0055	Shackle	1	ea	

CU	CU DESCRIPTION
CN8_7/475	Angle clamp – AAC & AAAC 7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0166	Angle clamp	1	ea	
2	OS0055	Shackle	1	ea	

CU	CU DESCRIPTION
CN8_19/325	Angle clamp – AAC & AAAC 19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0166	Angle clamp	1	ea	
2	OS0055	Shackle	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 2	DATE 24/06/25
	P.G. CLAMP	DRAWING No. CN9	

CU	CU DESCRIPTION
CN9_3/275	PG clamp FEGZ to SCAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0224	Parallel grove clamp FEGZ to SCAC	1	ea	

CU	CU DESCRIPTION
CN9_AL_AL	PG clamp Aluminium to Aluminium

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0138	Parallel grove clamp Al to Al, 7/2.50; 19/3.25	1	ea	

CU	CU DESCRIPTION
CN9_AL_CU_S	PG clamp Aluminium to Copper_ Small_ Bi-metal

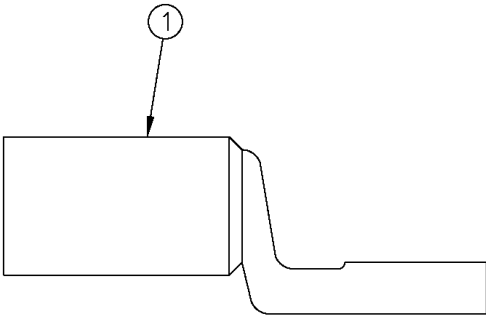
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0125	Parallel grove clamp bi-metal Al to Cu, 3/2.75; 7/2.50	1	ea	

CU	CU DESCRIPTION
CN9_AL_CU_L	PG clamp Aluminium to Copper_ Large_ Bi-metal

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0120	Parallel grove clamp bi-metal Al to Cu, 7/4.75; 19/3.25	1	ea	

CU	CU DESCRIPTION
CN9_CU	PG clamp Copper to Copper

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0130	Parallel grove clamp Cu to Cu	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 2	DATE 24/06/25
	LUG BI-METAL, M10 HOLE	DRAWING No. CN10	

CU	CU DESCRIPTION
CN10_7/250	Lug bi-metal M10 hole_7/2.50

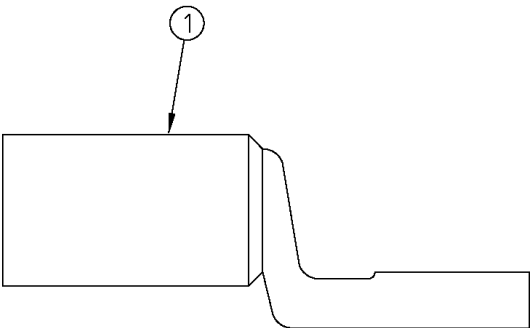
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7681	Lug, bi-metal M10	1	ea	

CU	CU DESCRIPTION
CN10_7/475	Lug bi-metal M10 hole_7/4.50 & 7/4.75 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7684	Lug, bi-metal M10	1	ea	

CU	CU DESCRIPTION
CN10_19/325	Lug bi-metal M10 hole_19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7685	Lug, bi-metal M10	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 2	DATE 24/06/25
	LUG BI-METAL, M12 HOLE	DRAWING No.	
		CN11	

CU	CU DESCRIPTION
CN11_7/250	Lug bi-metal M12 hole_7/2.50 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7686	Lug, bi-metal M12, 35 mm sq	1	ea	

CU	CU DESCRIPTION
CN11_7/475	Lug bi-metal M12 hole_7/4.50 & 7/4.75 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7689	Lug, bi-metal M12	1	ea	

CU	CU DESCRIPTION
CN11_19/325	Lug bi-metal M12 hole_19/3.25 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7690	Lug, bi-metal M12	1	ea	

CU	CU DESCRIPTION
CN11_7/300	Lug bi-metal M12 hole_7/3.00 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7687	Lug, bi-metal M12, 50 mm sq	1	ea	

CU	CU DESCRIPTION
CN11_7/375	Lug bi-metal M12 hole_7/3.75 AAC/AAAC

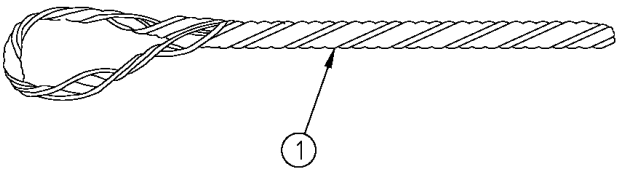
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL7688	Lug, bi-metal M12, 95 mm sq	1	ea	

CU	CU DESCRIPTION
CN11_95	Lug bi-metal M12 hole_95 LVABC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL0401	Lug, bi-metal M12 95 ABC	1	ea	

CU	CU DESCRIPTION
CN11_150	Lug bi-metal M12 hole_150 LVABC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FL0402	Lug, bi-metal M12 150 ABC	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 2	DATE 24/06/25
	HELICAL TERMINATION	DRAWING No. CN13	

CU	CU DESCRIPTION
CN13_7/250AA	Helical termination AAC & AAAC_7/2.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0752	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/475AA	Helical termination AAC & AAAC_7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0757	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_19/325A	Helical termination AAC & AAAC_19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0758	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/160GZ	Helical termination SCGZ_7/1.60

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0669	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_3/275GZ	Helical termination SCGZ_3/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0661	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_3/275AC	Helical termination SCAC_3/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0700	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/160CU	Helical termination copper_7/1.60

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0551	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/200CU	Helical termination copper_7/2.00

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0553	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/275CU	Helical termination copper_7/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0554	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/300AA	Termination – AAC and AAAC_7/3.00

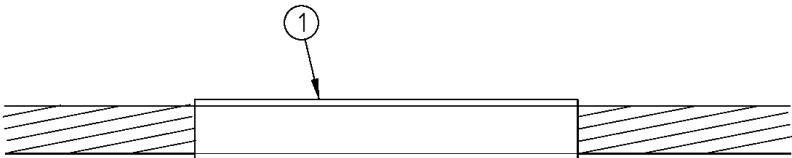
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0520	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/375AA	Termination – AAC and AAAC_7/3.75

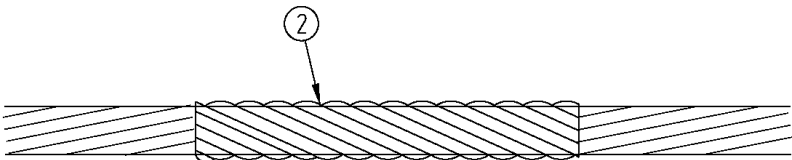
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0522	Helical termination	1	ea	

CU	CU DESCRIPTION
CN13_7/450AA	Termination – AAC and AAAC_7/4.50

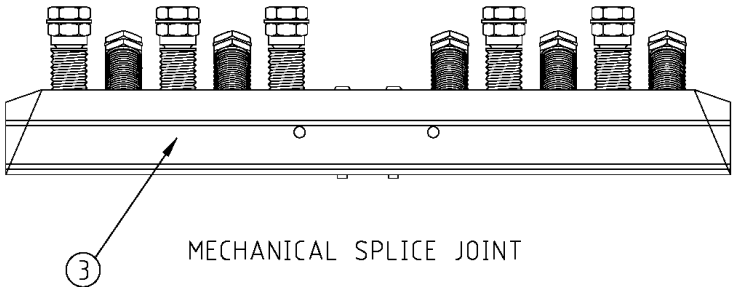
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0524	Helical termination	1	ea	



FULL TENSION COMPRESSION JOINT



MIDSPAN HELICAL JOINT



MECHANICAL SPLICE JOINT

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 2	DATE 23/06/25
	CONDUCTOR JOINTS FULL TENSION COMPRESSION, HELICAL, & MECHANICAL JOINTS	DRAWING No. CN17	

CU	CU DESCRIPTION
CN17_7/250	Full tension comp joint – AAC/AAAC_7/2.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0600	Full tension sleeve AAC/AAAC_7/2.50	1	ea	

CU	CU DESCRIPTION
CN17_7/475	Full tension comp joint – AAC/AAAC_7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0208	Full tension sleeve AAC/AAAC_7/4.75	1	ea	

CU	CU DESCRIPTION
CN17_19/325	Full tension comp joint – AAC/AAAC_19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0591	Full tension sleeve AAC/AAAC_19/3.25	1	ea	

CU	CU DESCRIPTION
CN17_7/300	Full tension comp joint – AAC/AAAC_7/3.00

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0593	Full tension sleeve AAC/AAAC_7/3.00	1	ea	

CU	CU DESCRIPTION
CN17_7/375	Full tension comp joint – AAC/AAAC_7/3.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0583	Full tension sleeve AAC/AAAC_7/3.75	1	ea	

CU	CU DESCRIPTION
CN17_3/275	Full tension helical midspan join – SC/AC_3/2.75

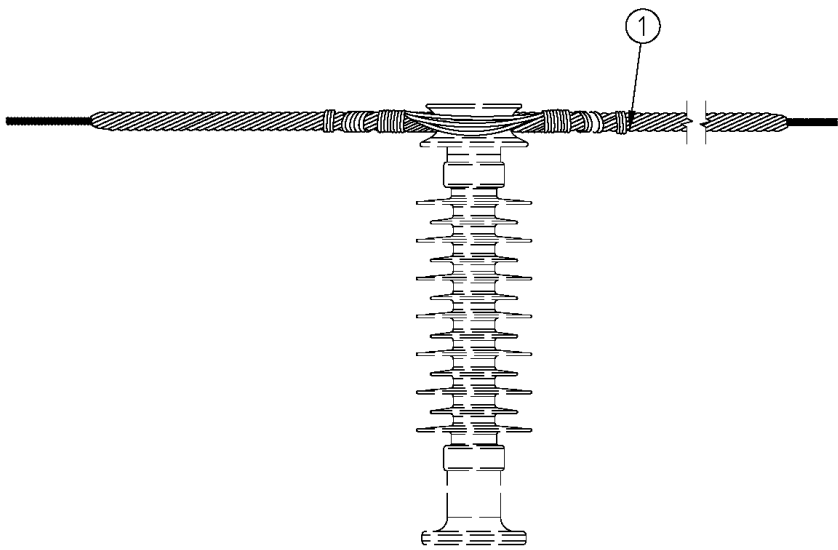
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
2	CF0160	Midspan helical join SC/AC_3/2.75	1	ea	

CU	CU DESCRIPTION
CN17_MT1	Mechanical Tension Repair Splice – AAC/AAAC/ACSR 6-11.3mm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
3	CJ0586	Mechanical Tension Repair Splice – AAC/AAAC/ACSR 6-11.3mm	1	ea	

CU	CU DESCRIPTION
CN17_MT2	Mechanical Tension Repair Splice – AAC/AAAC/ACSR 10-14.3mm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
3	CJ0585	Mechanical Tension Repair Splice – AAC/AAAC/ACSR 10-14.3mm	1	ea	



ARMOUR ROD

NOTES:

- 1) ARMOUR RODS ARE TO BE USED ON:
 - a) AAC & AAAC – RODS REQUIRED ON LONG RURAL NETWORK
 - b) SC/AC & SC/GZ & COPPER – RODS REQUIRED TO BULK UP CONDUCTOR SIZE
- 2) TIES NOT INCLUDED IN THIS CU, REFER TO CN26 AND CN27.

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 4	DATE 09/10/25
	ARMOUR RODS	DRAWING No. CN18	

CU	CU DESCRIPTION
CN18_7/250AA	Armour rods – AAC & AAAC_7/2.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0238	Armour rod for AAC & AAAC_7/2.50	1	ea	
2		Select from CN26 if tie is required	1	ea	

CU	CU DESCRIPTION
CN18_7/375AA	Armour rods – AAC & AAAC_7/3.75 & ACSR 6/1/3.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0240	Armour rod for AAC & AAAC_7/3.75 & ACSR 6/1/3.75	1	ea	
2		Select from CN26 if tie is required	1	ea	

CU	CU DESCRIPTION
CN18_7/475AA	Armour rods – AAC & AAAC_7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0237	Armour rod for AAC & AAAC_7/4.75	1	ea	
2		Select from CN26 if tie is required	1	ea	

CU	CU DESCRIPTION
CN18_19/325A	Armour rods – AAC & AAAC_19/3.25

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0345	Armour rod for AAC & AAAC_19/3.25	1	ea	
2		Select from CN26 if tie is required	1	ea	

CU	CU DESCRIPTION
CN18_7/300	Armour rods for AAC & AAAC 7/3.00 & 6/1/3.00 ACSR

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0239	Armour rod for AAC & AAAC 7/3.00 & 6/1/3.00 ACSR	1	ea	
2		Select from CN26 if tie is required	1	ea	

CU	CU DESCRIPTION
CN18_7/160	Armour rods – SCGZ_7/1.60

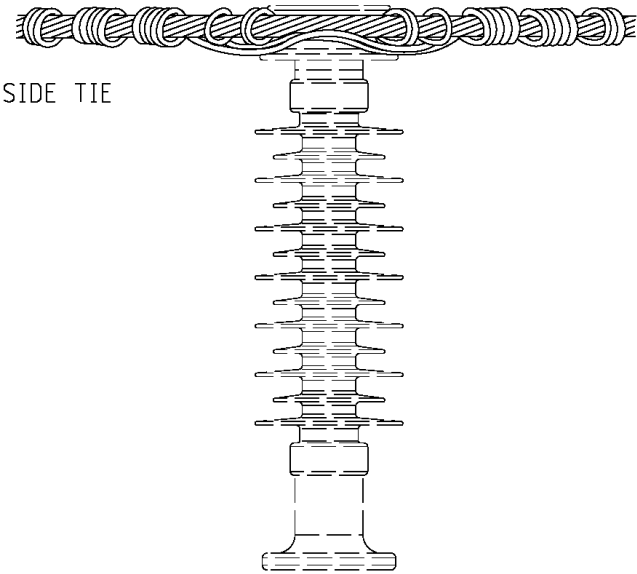
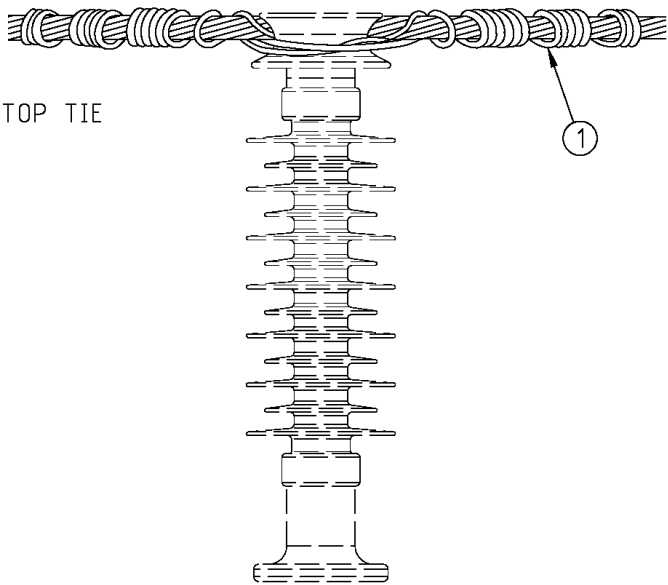
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0479	Armour rod for SCGZ_7/1.60	1	ea	
2		Select from CN27 if tie is required	1	ea	

CU	CU DESCRIPTION
CN18_3/275GZ	Armour rods – SCGZ_3/2.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0258	Armour rod for SCGZ_3/2.75	1	ea	
2		Select from CN27 if tie is required	1	ea	

CU	CU DESCRIPTION
CN18_3/275AC	Armour rods – SCAC_3/2.75

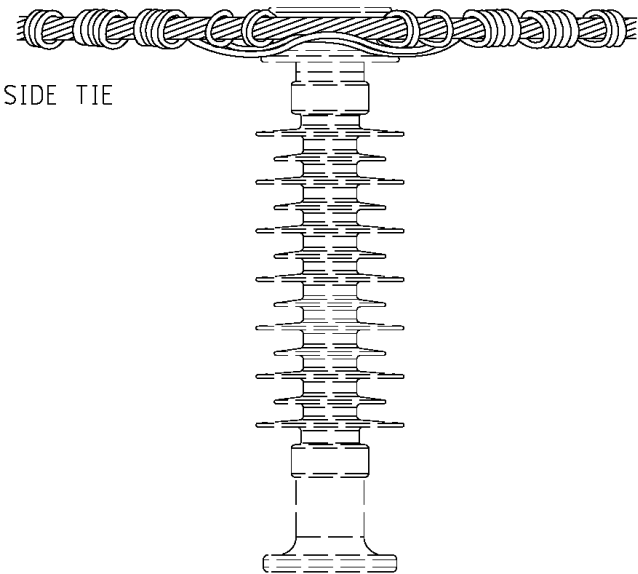
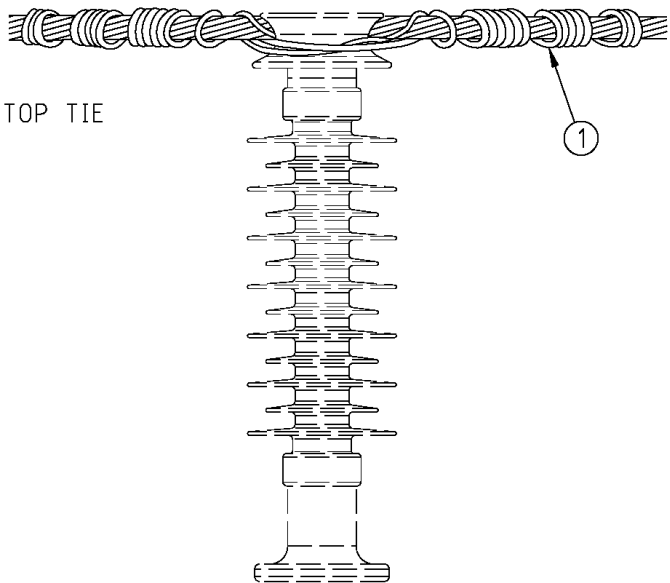
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0350	Armour rod for SCAC_3/2.75	1	ea	
2		Select from CN27 if tie is required	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 3	DATE 09/10/25
	TIES FOR HIGH & LOW VOLTAGE AAC & AAAC	DRAWING No. CN26	

CU	CU DESCRIPTION
CN26_AL_TIE	Tie HV / LV – AAC & AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0164	Conductor tie 4.75 mm dia, 4.4 m	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 3	DATE 09/10/25
	TIES FOR STEEL & COPPER CONDUCTORS	DRAWING No. CN27	

CU	CU DESCRIPTION
CN27_3/275	TIE 3/2.75_STEEL

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0254	Conductor tie 2 mm dia	1	ea	

CU	CU DESCRIPTION
CN27_CULV	TIE LV_COPPER

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0204	Conductor tie 2.75 mm dia	1	ea	

CU	CU DESCRIPTION
CN27_CUHV	TIE HV_COPPER

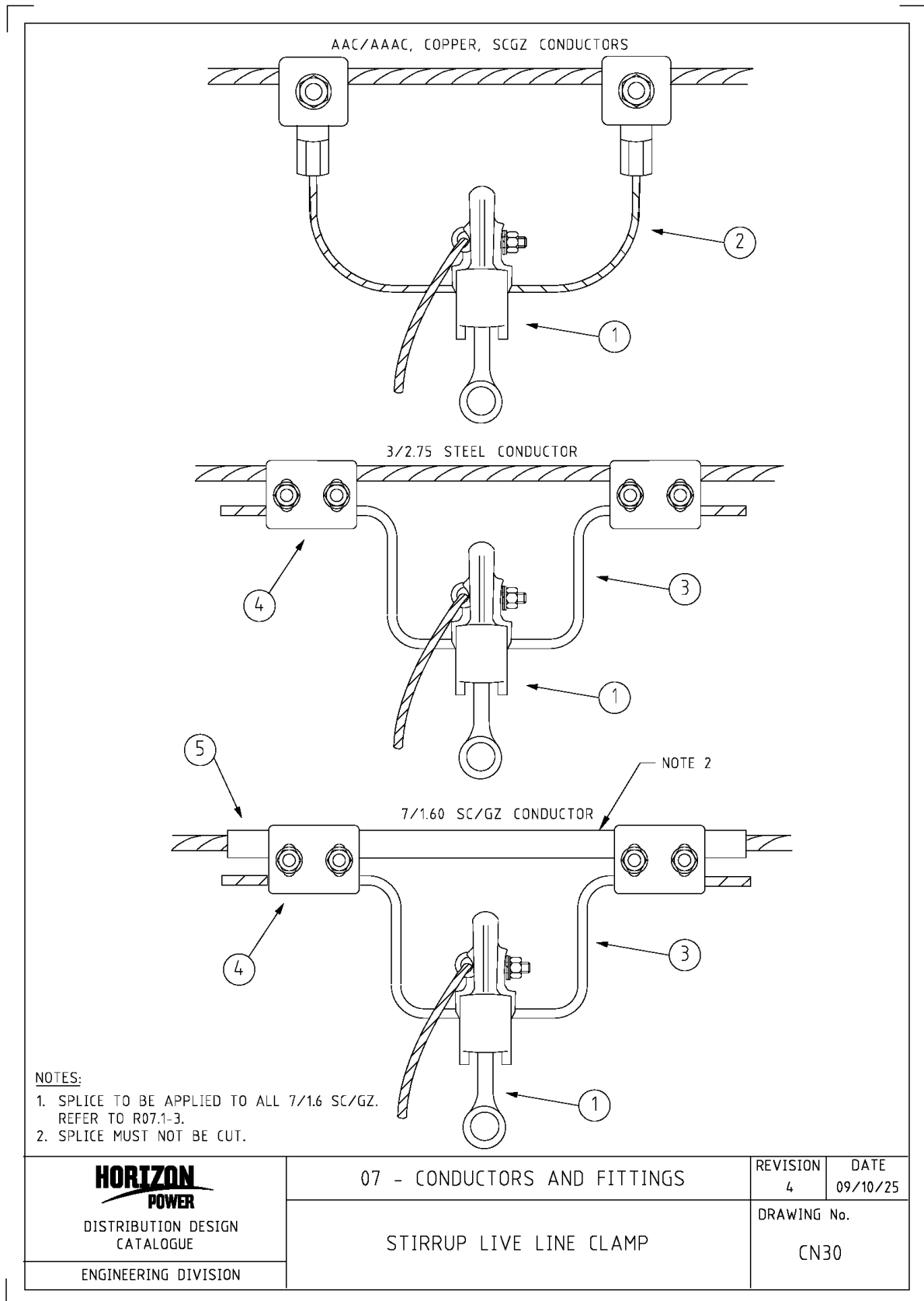
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CT0209	Conductor tie 2.75 mm dia	1	ea	

CU	CU DESCRIPTION
CN27_7/160	TIE 7/1.60_STEEL_SIDE

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CFH0001	Side tie 3/2.75 galv steel	1	ea	

CU	CU DESCRIPTION
CN27_SCGZ_T	TIE 3/2.75_STEEL_TOP

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CF0713	Top tie 3/2.75 galv steel	1	ea	



CU	CU DESCRIPTION
CN30_7/250	Stirrup live line clamp_7/2.50

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0497	Live line clamp	1	ea	
2	FC0101	Lead (stirrup) 385mm, 7/2.75 Cu with galv. clamp ends	1	ea	

CU	CU DESCRIPTION
CN30_7/475	Stirrup live line clamp_7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0497	Live line clamp	1	ea	
2	FC0101	Lead (stirrup) 385mm, 7/2.75 Cu with galv. clamp ends	1	ea	

CU	CU DESCRIPTION
CN30_19/325	Stirrup live line clamp_19/3.25

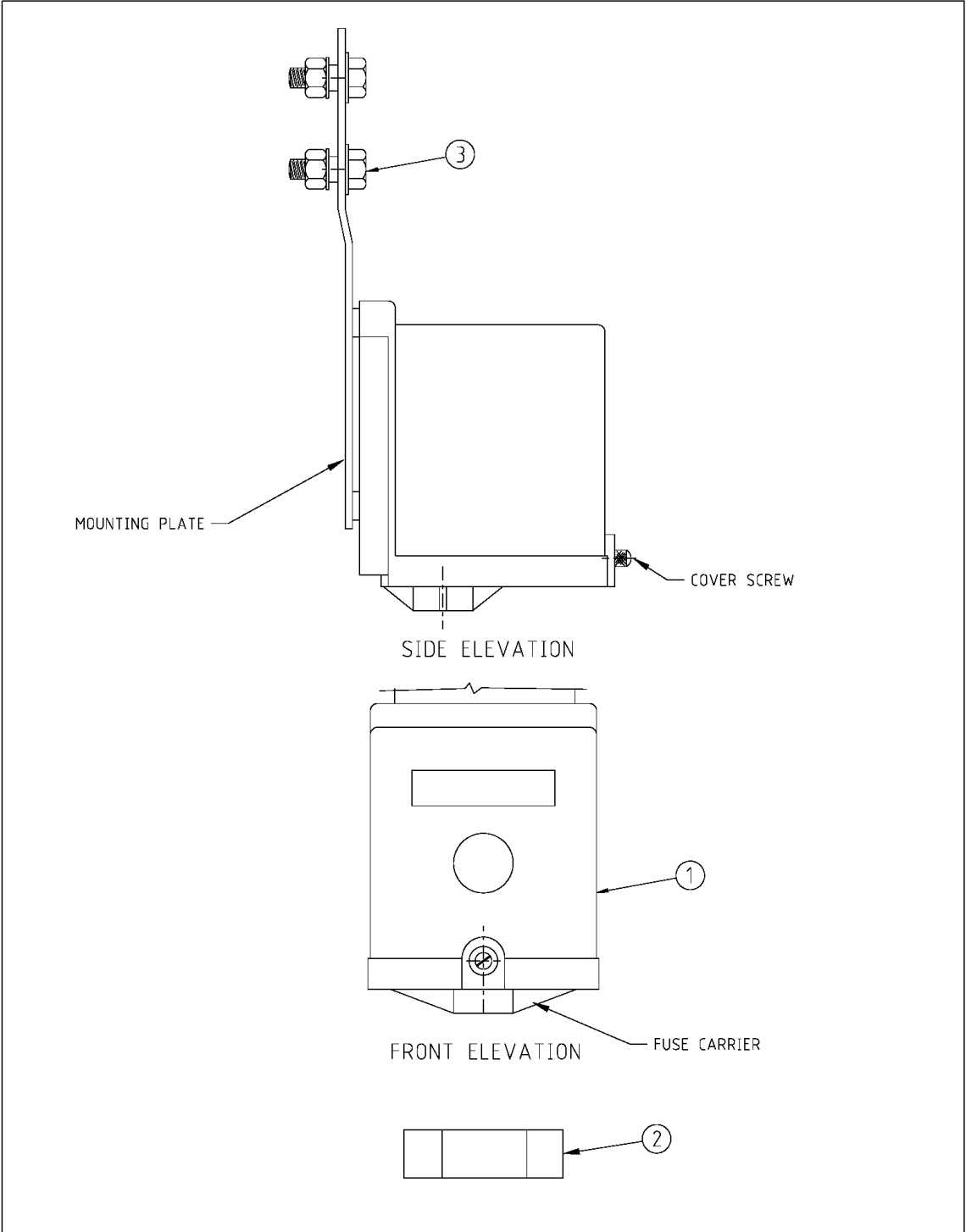
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0497	Live line clamp	1	ea	
2	FC0101	Lead (stirrup) 385mm, 7/2.75 Cu with galv. clamp ends	1	ea	

CU	CU DESCRIPTION
CN30_3/275	Stirrup live line clamp_3/275 SCGZ/SCAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0497	Live line clamp	1	ea	
3	FC0105	Stirrup, stainless steel 304	1	ea	
4	CC0224	PG Clamps	2	ea	

CU	CU DESCRIPTION
CN30_7/16	Stirrup live line clamp_7/16 SCGZ

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0497	Live line clamp	1	ea	
3	FC0105	Stirrup, stainless steel 304	1	ea	
4	CC0224	PG Clamps	2	ea	
5	CF0479	Helical Splice	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 2	DATE 25/06/25
	POLE MOUNTED LV FUSE HOLDER	DRAWING No. CN35	

CU	CU DESCRIPTION
CN35_10	Pole mounted LV fuse holder with 10 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1801	Fuse holder	1	ea	
2	GF0550	Fuse 10A, 240/415V	1	ea	
3	AB2863	M8 X 40mm bolt	2	ea	

CU	CU DESCRIPTION
CN35_10SL	Pole mounted LV street light fuse holder with 10 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1804	Fuse holder	1	ea	
2	GF0550	Fuse 10A, 240/415V	1	ea	
3	AB2863	M8 X 40mm bolt	2	ea	

CU	CU DESCRIPTION
CN35_30	Pole mounted LV fuse holder with 30 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1801	Fuse holder	1	ea	
2	GF1940	Fuse 30A, 240/415V	1	ea	
3	AB2863	M8 X 40mm bolt	2	ea	

CU	CU DESCRIPTION
CN35_50	Pole mounted LV fuse holder with 50 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1801	Fuse holder	1	ea	
2	GF1930	Fuse 50A, 240/415V	1	ea	
3	AB2863	M8 X 40mm bolt	2	ea	

CU	CU DESCRIPTION
CN35_60	Pole mounted LV fuse holder with 60 amp

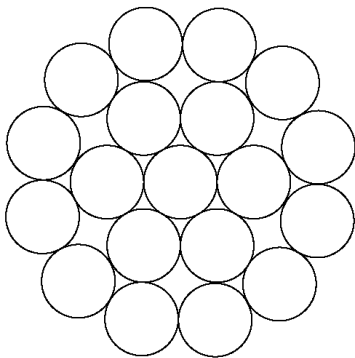
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1801	Fuse holder	1	ea	
2	GF0551	Fuse 60A, 240/415V	1	ea	
3	AB2863	M8 X 40mm bolt	2	ea	

CU	CU DESCRIPTION
CN35_80	Pole mounted LV fuse holder with 80 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1801	Fuse holder	1	ea	
2	GF1944	Fuse 80A, 240/415V	1	ea	
3	AB2863	M8 X 40mm bolt	2	ea	

CU	CU DESCRIPTION
CN35_100	Pole mounted LV fuse holder with 100 amp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GF1801	Fuse holder	1	ea	
2	GF1947	Fuse 100A, 240/415V	1	ea	
3	AB2863	M8 X 40mm bolt	2	ea	



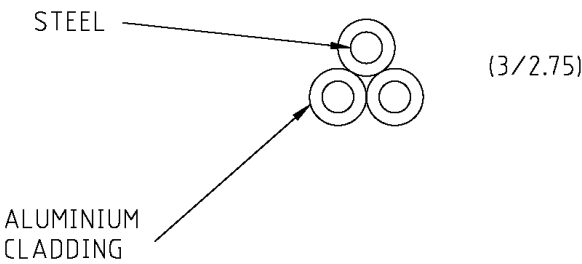
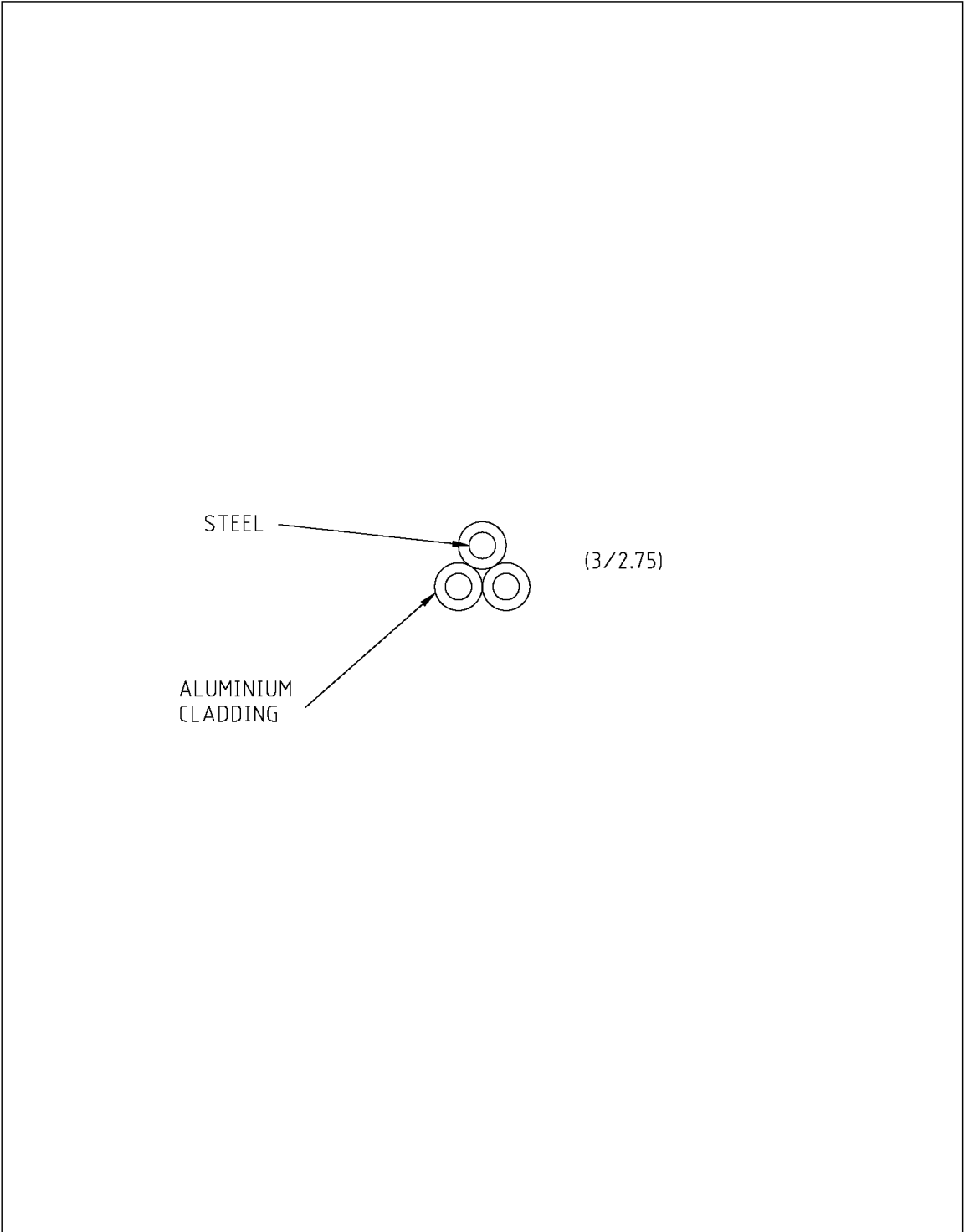
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 1	DATE 25/06/25
	CONDUCTOR AAAC	DRAWING No. CN36	

CU	CU DESCRIPTION
CN36_7/475	Conductor – AAAC 7/4.75

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EK0022	120sqmm conductor 7/4.75 AAAC (Iodine)	1	mr	

CU	CU DESCRIPTION
CN36_19/325	Conductor – AAAC 19/3.25

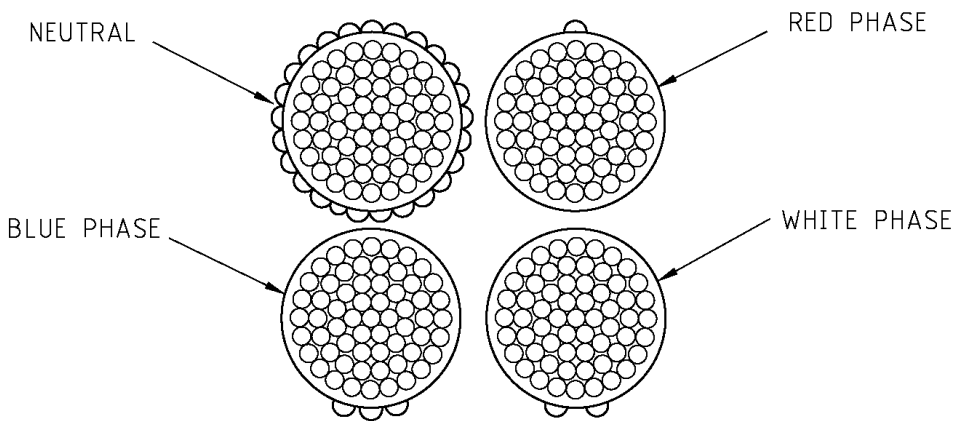
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EK0024	150sqmm conductor 19/3.25 AAAC (Krypton)	1	mr	



 DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 1	DATE 25/06/25
	CONDUCTOR SCAC	DRAWING No. CN37	

CU	CU DESCRIPTION
CN37_3/275	Conductor – steel 3/2.75 – SCAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	ES0006	Conductor 3/2.75 SCAC	1	mr	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 1	DATE 25/06/25
	CONDUCTOR LV-ABC	DRAWING No. CN38	

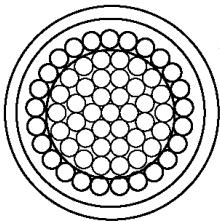
CU	CU DESCRIPTION
CN38_95	Conductor – LVABC 95

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1430	4C, 95 sqmm compacted conductor 0.6/1kV	1	mr	

CU	CU DESCRIPTION
CN38_150	Conductor – LVABC 150

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1431	4C, 150 sqmm compacted conductor 0.6/1kV	1	mr	

1c 16sqmm CU
Stranded XLPE

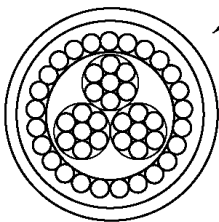


HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 2	DATE 25/06/25
	CABLE 0.6/1kV 1c 16sqmm CU XLPE	DRAWING No. CN41	

CU	CU DESCRIPTION
CN41_TERMITTE	Cable 0.6/1kV 1c x 16sqmm Cu XLPE streetlight - DBT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE2559	Cable 0.6/1kV 1c x 16sqmm Cu XLPE streetlight - DBT	1	mr	

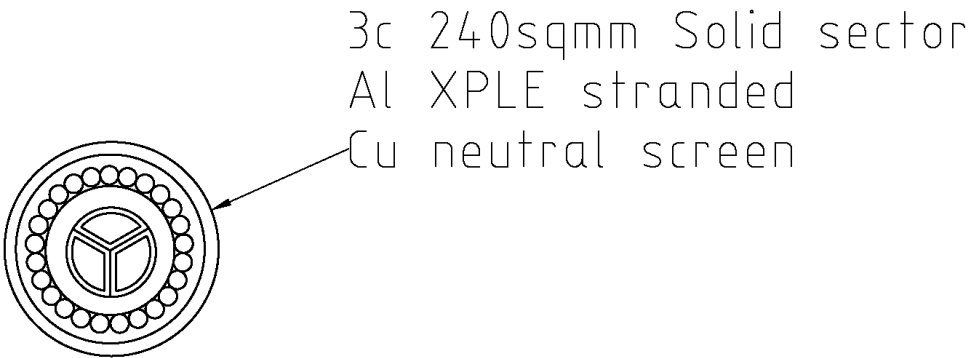
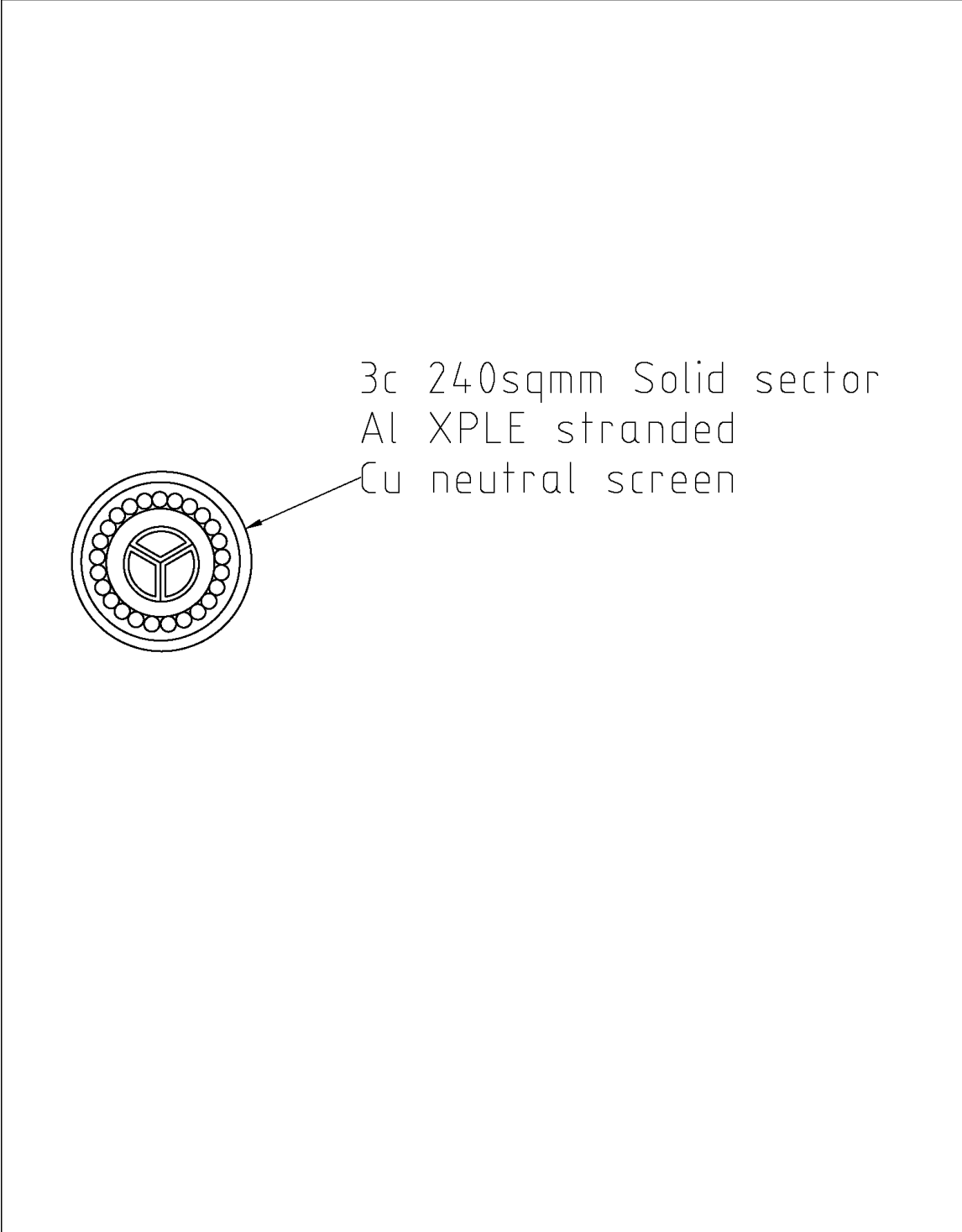
3C 25sqmm Cu
Stranded XLPE



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 2	DATE 25/06/25
	CABLE 0.6/1kV 3c 25sqmm Cu XLPE	DRAWING No. CN42	

CU	CU DESCRIPTION
CN42_TERM	Cable 0.6/1kV 3c x 25sqmm Cu XLPE - DBT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC1104	Cable 0.6/1kV 3c x 25sqmm Cu XLPE - DBT	1	mr	

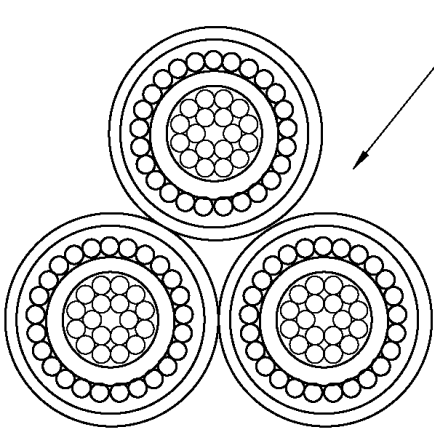


 DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 2	DATE 25/06/25
	CABLE 0.6/1kV 3c 240sqmm Al XLPE	DRAWING No. CN45	

CU	CU DESCRIPTION
CN45_TERMITÉ	Cable 0.6/1kV 3c x 240sqmm Al XLPE - DBT protection

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC1105	Cable 0.6/1kV 3c x 240sqmm Solid sector Al XLPE - DBT protection	1	mr	

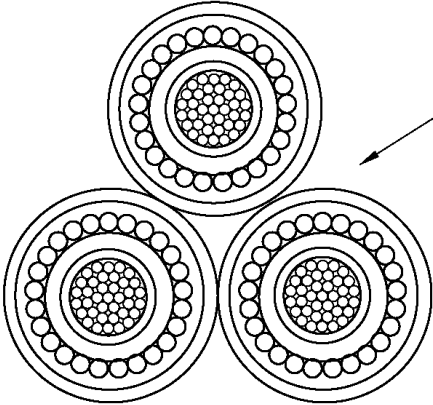
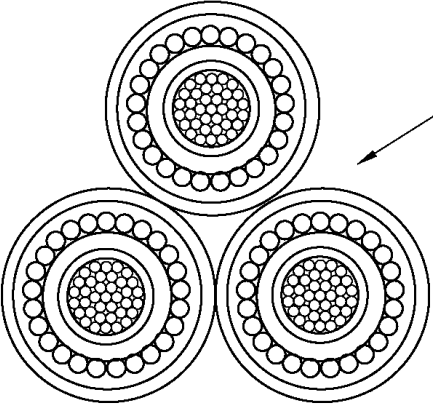
3x1c 35sqmm Al triplex
TR-XLPE stranded
Cu neutral screen



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 2	DATE 25/06/25
	CABLE 12.7/22kV 3x1c 35sqmm Al TR-XLPE	DRAWING No. CN46	

CU	CU DESCRIPTION
CN46_TERM	Cable 12.7/22kV 3 x 1c 35sqmm Al TR-XLPE - DBT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	ECH2569	Cable 12.7/22kV 3 x 1c 35sqmm Al TR-XLPE - DBT	1	mr	

 22kV 3x1c 185sqmm stranded Al triplex TR-XLPE stranded Cu neutral screen			
 33kV 3x1c 185sqmm stranded Al triplex TR-XLPE stranded Cu neutral screen			
 DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS		REVISION 2
	CABLE 12.7/22kV AND 19.1/33kV 3x1c 185sqmm Al TR-XLPE		DATE 25/06/25
			DRAWING No. CN48

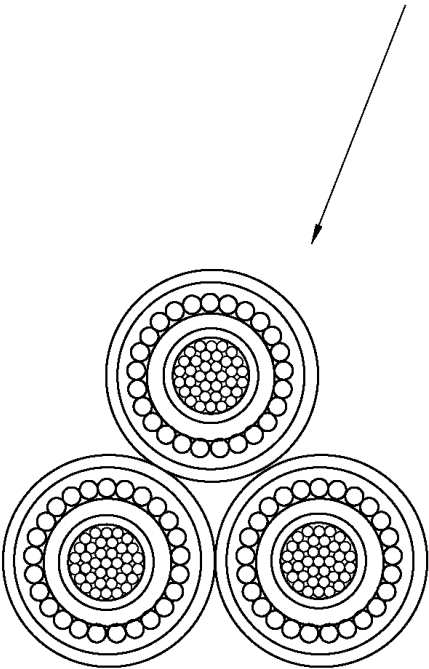
CU	CU DESCRIPTION
CN48_TERM	Cable 12.7/22kV 3 x 1c 185sqmm Stranded Al TR- XLPE - Termicide protection

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC2557	Cable 12.7/22kV 3 x 1c 185sqmm Stranded Al TR-XLPE - Termicide protection	1	mr	

CU	CU DESCRIPTION
CN48_33	Cable 19.1/33kV 3 x 1c 185sqmm Stranded Al TR- XLPE - Termicide protection

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC2551	Cable 19.1/33kV 3 x 1c 185sqmm Stranded Al TR-XLPE - Termicide protection	1	mr	

3x1c 50sqmm stranded Al
triplex TR-XLPE stranded
Cu neutral screen



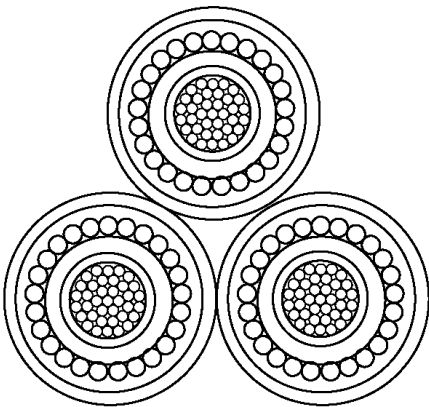
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE	07 - CONDUCTORS AND FITTINGS	REVISION 2	DATE 25/06/25
	CABLE 19.1/33kV 3x1c 50sqmm Al TR-XLPE	DRAWING No. CN51	
ENGINEERING DIVISION			

CU	CU DESCRIPTION
CN51_1PHASE	Cable 19.1/33kV 1c 50sqmm Stranded Al TR-XLPE- DBT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC2004	Cable 19.1/33kV 1c 50sqmm Stranded Al TR-XLPE- DBT	1	mr	

CU	CU DESCRIPTION
CN51_3PHASE	Cable 19.1/33kV 3x1c 50sqmm Stranded Al TR-XLPE- DBT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC2003	Cable 19.1/33kV 3x1c 50sqmm Stranded Al TR-XLPE- DBT protection	1	mr	



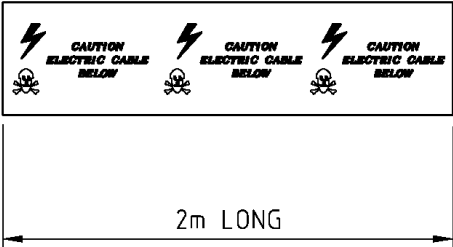
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 2	DATE 27/06/25
	CABLE 12.7/22kV 3x1c Stranded	DRAWING No. CN53	

CU	CU DESCRIPTION
CN53_TERMITE	Cable 12.7/22kV 3 x 1c 400sqmm Stranded Al TR-XLPE - DBT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC2198	Cable 12.7/22kV 3 x 1c 400sqmm Stranded Al TR-XLPE-DBT	1	mr	

CU	CU DESCRIPTION
CN53_240	Cable 12.7/22kV 3 x 1c 240sqmm Stranded CU Triplex

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EC2195	Cable 12.7/22kV 3 x 1c 240sqmm Stranded CU Triplex	1	mr	

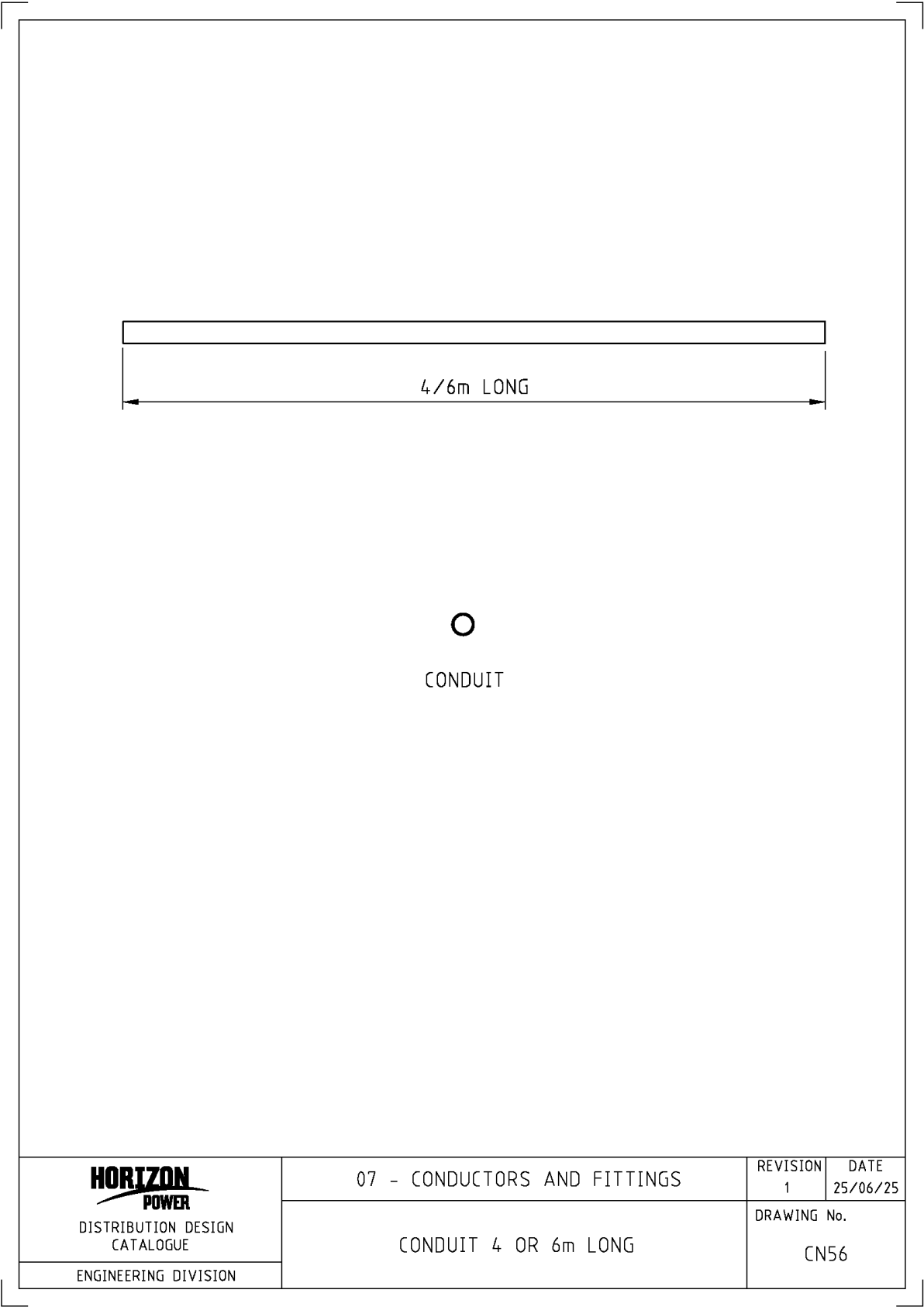


PLASTIC SLABS

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 1	DATE 25/06/25
	PLASTIC SLABS	DRAWING No. CN54	

CU	CU DESCRIPTION
CN54_2M_SLAB	Cable protector plastic slabs 2 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CZ0505	Cable protector plastic slabs 2 m long	1	ea	



CU	CU DESCRIPTION
CN56_25	Conduit 25 dia – 4 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0022	Conduit orange 25mm x 4m, heavy-duty PVC	1	lg	

CU	CU DESCRIPTION
CN56_32	Conduit 32 dia – 4 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0023	Conduit orange 32mm x 4m, heavy-duty PVC	1	lg	

CU	CU DESCRIPTION
CN56_50	Conduit 50 dia – 4 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0025	Conduit orange 32mm x 4m, heavy-duty PVC	1	lg	

CU	CU DESCRIPTION
CN56_50GR	Conduit 50 dia – 4 m long_Grey

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0010	Conduit grey 32mm x 4m, PVC	1	lg	

CU	CU DESCRIPTION
CN56_80	Conduit 80 dia – 4 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0028	Conduit orange 80mm x 4m, heavy-duty PVC	1	lg	

CU	CU DESCRIPTION
CN56_100	Conduit 100 dia – 6 m long

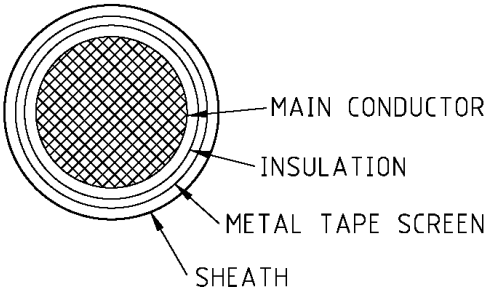
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0029	Conduit orange 100mm x 6m, heavy-duty PVC Corflo	1	lg	

CU	CU DESCRIPTION
CN56_125	Conduit 125 dia – 6 m long

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC0030	Conduit orange 125mm x 6m, heavy-duty PVC Corflo	1	lg	

CU	CU DESCRIPTION
CN56_150	Conduit 150 dia – 6 m long

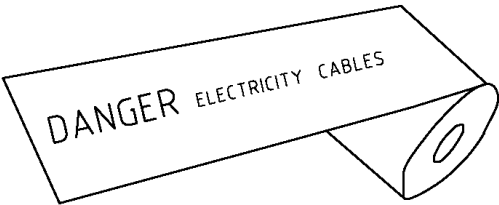
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GC7863	Conduit orange 150mm x 6m, heavy-duty PVC Corflo	1	lg	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 1	DATE 25/06/25
	Cable 0.6/1kV 1c x 400sqmm CU XLPE- DBT	DRAWING No. CN60	

CU	CU DESCRIPTION
CN60	Cable 0.6/1kV 1c x 400sqmm CU XLPE- DBT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	ECH1076	Cable 0.6/1kV 1c x 400sqmm CU Flex Strand XLPE- DBT	1	m	

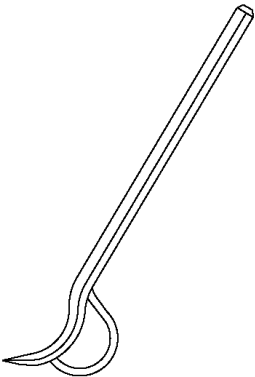
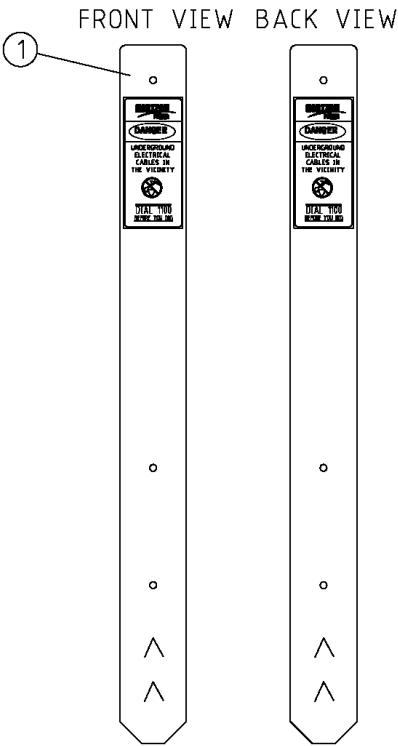


CABLE
BELOW WARNING
TAPE

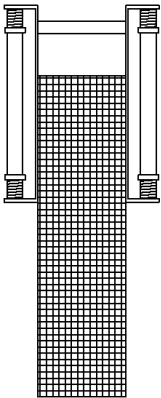
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 1	DATE 25/06/25
	CABLE BELOW WARNING TAPE	DRAWING No.	CN61

CU	CU DESCRIPTION
CN61_125	Cable below warning, tape 125 mm x 690 m roll

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CZ0390	Identification tape 125 mm wide, orange	1	roll	



REMOVAL TOOL



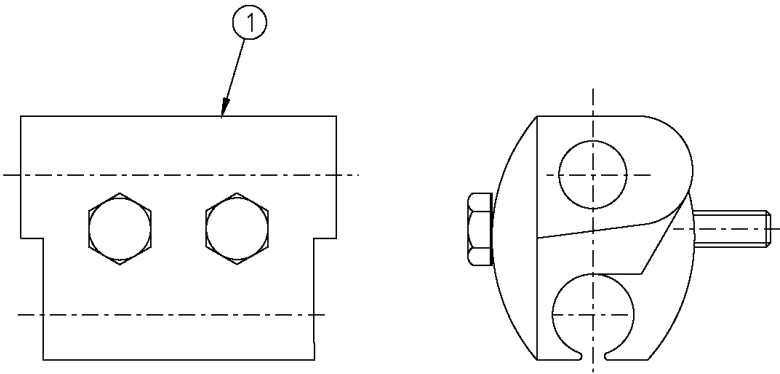
INSTALLATION TOOL

- NOTES:
- 1. REMOVAL TOOL STOCK CODE CR0328 - TO BE ORDERED FROM SUPPLIER AS NEEDED.
 - 2. INSTALLATION TOOL STOCK CODE CR0328 - TO BE ORDERED FROM SUPPLIER AS NEEDED.

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 2	DATE 25/06/25
	UNDERGROUND CABLE DANGER LABEL	DRAWING No. CN64	

CU	CU DESCRIPTION
CN64_L	U/G Cable Marker & Danger Label (1.6M Post)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CR0332	U/G Cable Marker (1.6 m height)	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 2	DATE 25/06/25
	INSULATION PIERCING CLAMP	DRAWING No. CN65	

CU	CU DESCRIPTION
CN65_95/35	I.P.C - ABC to ABC and service_95/35

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0082	Insulation piercing clamp ABC to ABC and service_95/35	1	ea	

CU	CU DESCRIPTION
CN65_95/95	I.P.C - ABC to ABC and service_95/95

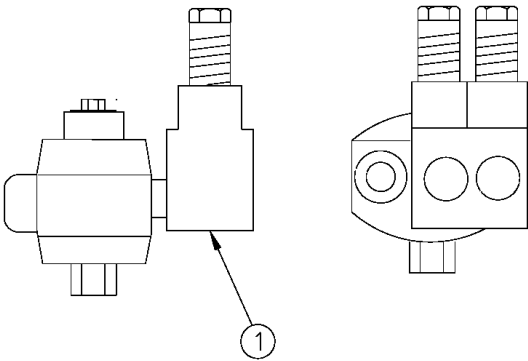
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0080	Insulation piercing clamp ABC to ABC and service_95/95	1	ea	

CU	CU DESCRIPTION
CN65_150/35	I.P.C - ABC to ABC and service_150/35

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0085	Insulation piercing clamp ABC - ABC and service_150/35	1	ea	

CU	CU DESCRIPTION
CN65_150/150	I.P.C - ABC to ABC and service_150/150

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0081	Insulation piercing clamp ABC-ABC and service_150/150	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 2	DATE 25/06/25
	INSULATION PIERCING CLAMP ABC TO 2 SERVICES	DRAWING No. CN68	

CU	CU DESCRIPTION
CN68_95/35	95 ABC Main to 2 x 35 service

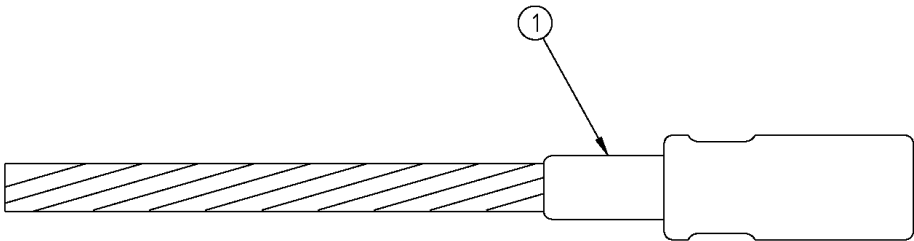
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0079	Insulation piercing clamp 150 ABC Main to 2 x 35 service	1	ea	

CU	CU DESCRIPTION
CN68_150/35	150 ABC Main to 2 x 35 service

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0079	Insulation piercing clamp 150 ABC Main to 2 x 35 service	1	ea	

CU	CU DESCRIPTION
CN68_150/50	150 ABC Main to 4 x 35 service

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0093	Insulation piercing clamp 150 ABC Main to 4 x 35 service	1	ea	



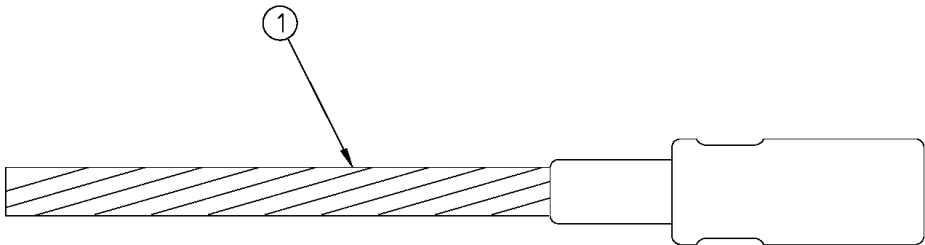
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 2	DATE 25/06/25
	SPLICE ABC TO BARE COPPER	DRAWING No. CN69	

CU	CU DESCRIPTION
CN69_95	Splice – ABC to bare copper_95

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0492	Splice 95 ABC with Cu tail	1	ea	

CU	CU DESCRIPTION
CN69_150	Splice – ABC to bare copper_150

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0493	Splice 150 ABC with Cu tail	1	ea	



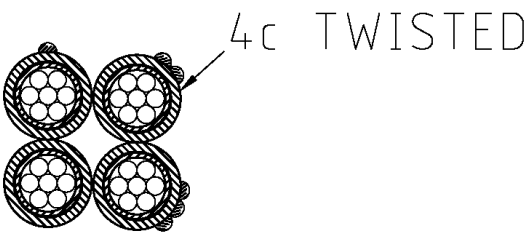
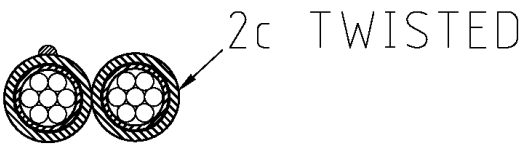
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 2	DATE 25/06/25
	SPLICE ABC TO BARE ALUMINIUM	DRAWING No. CN70	

CU	CU DESCRIPTION
CN70_95	Splice – ABC to bare aluminium_95

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0494	Splice 95 ABC with Al tail	1	ea	

CU	CU DESCRIPTION
CN70_150	Splice – ABC to bare aluminium_150

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0496	Splice 150 ABC with Al tail	1	ea	



 DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 1	DATE 25/06/25
	CONDUCTOR SERVICE 6/16mm	DRAWING No. CN71	

CU	CU DESCRIPTION
CN71_2/6	Conductor 2 core twisted 6 sqmm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1120	2C 6sqmm service cable stranded Cu (0.6/1kV)	1	mr	

CU	CU DESCRIPTION
CN71_4/6	Conductor 4 core twisted 6 sqmm

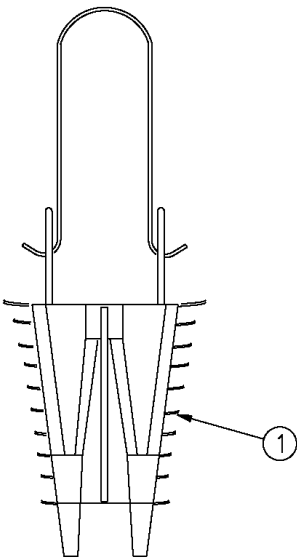
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1122	4C 6sqmm service cable stranded Cu (0.6/1kV)	1	mr	

CU	CU DESCRIPTION
CN71_2/16	Conductor 2 core twisted 16 sqmm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1126	2C 16sqmm service cable stranded Cu (0.6/1kV)	1	mr	

CU	CU DESCRIPTION
CN71_4/16	Conductor 4 core twisted 16 sqmm

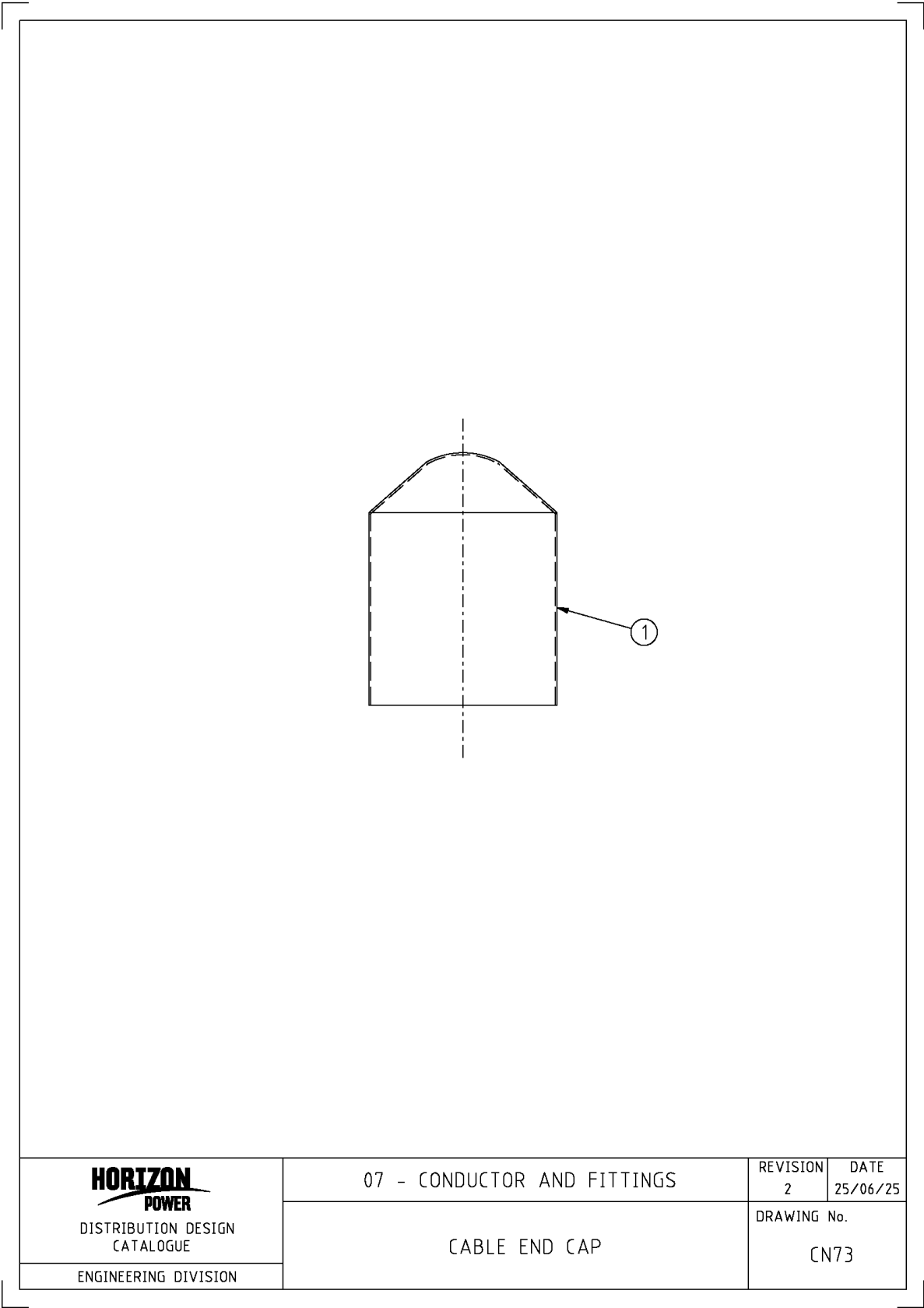
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	EE1128	4C 16sqmm service cable stranded Cu (0.6/1kV)	1	mr	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 2	DATE 25/06/25
	STRAIN CLAMP HOUSE SERVICE	DRAWING No. CN72	

CU	CU DESCRIPTION
CN72	Clamp strain - house service clamp

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CC0111	Clamp, wedge type for 6-35sqmm service cables	1	ea	



CU	CU DESCRIPTION
CN73_SMALL	End Cap Heat Shrink 60 mm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FE0021	End cap 60 mm	1	ea	

CU	CU DESCRIPTION
CN73_MEDIUM	End Cap Heat Shrink 80 mm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FE0023	End cap 80 mm	1	ea	

CU	CU DESCRIPTION
CN73_LARGE	End Cap Heat Shrink 110 mm

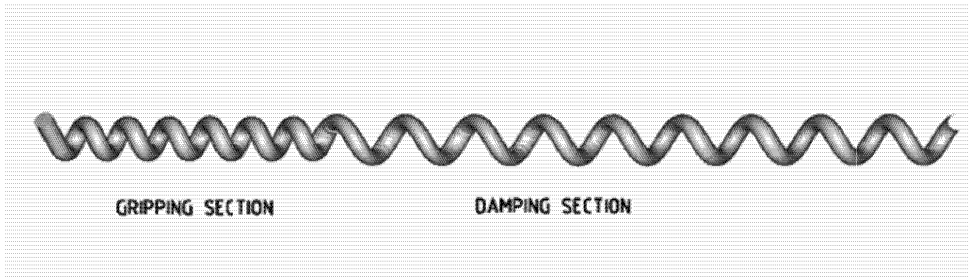
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	FE0025	End cap 110 mm	1	ea	

CU	CU DESCRIPTION
CN73_SL	End Cap Heat Shrink 10/16 SL cable

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0054	End cap 10/16 SL cable	1	ea	

CU	CU DESCRIPTION
CN73_LV25	End Cap Heat Shrink 25 LV cable

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CJ0051	End cap 25 LV cable	1	ea	



NOTES:

1. CHECK DDR FOR WHEN TO INSTALL VIBRATION DAMPERS

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 4	DATE 09/10/25
	SPIRAL VIBRATION DAMPERS	DRAWING No. CN74	

CU	CU DESCRIPTION
CN74_3/275	Vibration damper for 3/2.75 SCAC & SCGZ

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0022	Vibration damper for 3/2.75 (SCAC & SCGZ)	1	ea	

CU	CU DESCRIPTION
CN74_6/1/250	Vibration damper for 6/1/2.50-2.75 ACSR/AZ

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0023	Vibration damper for 6/1/2.50-2.75 (ACSR/AZ)	1	ea	

CU	CU DESCRIPTION
CN74_6/1/300	Vibration damper for 6/1/3.00 ACSR/AZ

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0024	Vibration damper for 6/1/3.00 (ACSR/AZ)	1	ea	

CU	CU DESCRIPTION
CN74_6/475	Vibration damper for 6/4.75 - 7/1.60 ACSR/AZ

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0025	Vibration damper for 6/4.75 - 7/1.60 (ACSR/AZ)	1	ea	

CU	CU DESCRIPTION
CN74_7/250	Vibration damper for 7/2.50 AAC/AAAC

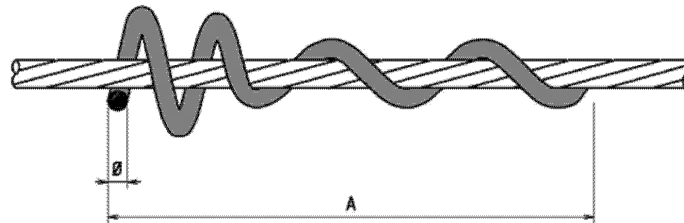
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0023	Vibration damper for 7/2.50 (AAC/AAAC)	1	ea	

CU	CU DESCRIPTION
CN74_7/475	Vibration damper for 7/4.75 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0025	Vibration damper for 7/4.75 (AAC/AAAC)	1	ea	

CU	CU DESCRIPTION
CN74_19/325	Vibration damper for 19/3.25 AAC/AAAC

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CD0038	Vibration damper for 19/3.25 (AAC/AAAC)	1	ea	



BIRD FLIGHT DIVERTERS

STOCK CODE	CONDUCTOR RANGE	Ø	A	USE FOR CONDUCTOR
CG0010	4.45 - 6.34	12	300	3/2.75
CG0014	14.31 - 19.3	19	480	19/3.25
CG0021	6.35 - 8.29	12	360	7/2.50
CG0022	8.3 - 11.74	12	370	7/3.75
CG0023	11.75 - 14.30	12	410	7/4.75

NOTES:

1. ALL DIMENSIONS ARE IN mm
2. MATERIAL: ORANGE UV STABILISED PVC
3. SPIRAL IS RIGHT HAND LAY

 DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 2	DATE 25/06/25
	BIRD FLIGHT DIVERTERS	DRAWING No. CN79	

CU	CU DESCRIPTION
CN79_3/275	Bird Diverter for 3/2.75 (SCAC & SCGZ)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CG0010	Bird diverter for 3/2.75 (SCAC & SCGZ)	1	ea	

CU	CU DESCRIPTION
CN79_19/325	Bird Diverter for 19/3.25 (AAC & AAAC)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CG0014	Bird diverter for 19/3.25 (AAC & AAAC)	1	ea	

CU	CU DESCRIPTION
CN79_7/250	Bird Diverter for 7/2.50 (AAC & AAAC)

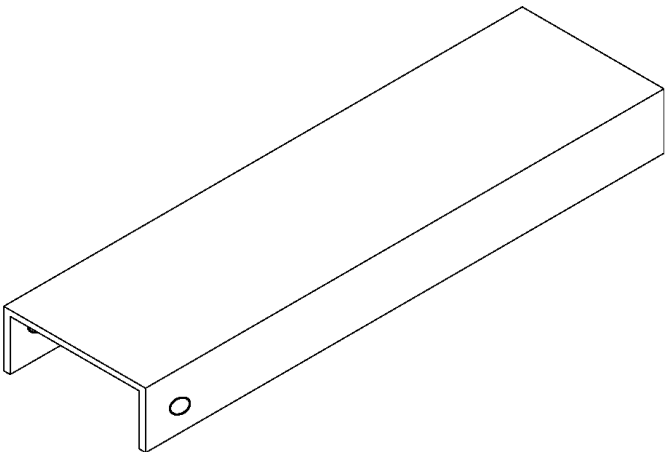
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CG0021	Bird diverter for 7/2.50 (AAC & AAAC)	1	ea	

CU	CU DESCRIPTION
CN79_7/375	Bird Diverter for 7/3.75 (AAC & AAAC)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CG0022	Bird diverter for 7/3.75 (AAC & AAAC)	1	ea	

CU	CU DESCRIPTION
CN79_7/475	Bird Diverter for 7/4.75 (AAC & AAAC)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CG0023	Bird diverter for 7/4.75 (AAC & AAAC)	1	ea	



CROSSARM COVER

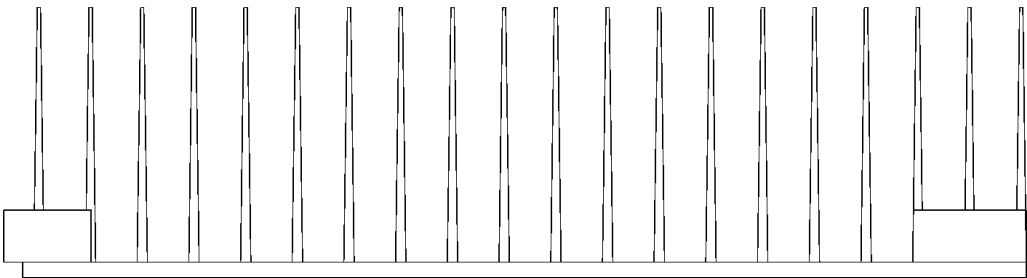
WARNING
NOT CONSIDERED AN INSULATION BARRIER ABOVE 1kV

- NOTES:
- 1. DIMENSIONS LENGTH: 400mm WIDTH: 100mm DEPTH: 50mm
 - 2. CHECK WIDTH OF CROSS-ARM IS COMPATABLE

 DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 1	DATE 25/06/25
	CROSSARM COVER 100mm	DRAWING No. CN80	

CU	CU DESCRIPTION
CN80	Crossarm Cover 100mm

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CB3002	Crossarm Cover 100mm	1	ea	



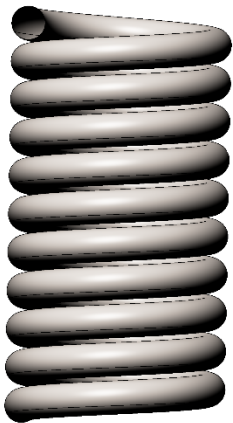
BIRD SPIKES

NOTE:
1. DIMENSIONS LENGTH: 600mm WIDTH: 15mm HEIGHT: 50mm

 DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 1	DATE 25/06/25
	BIRD SPIKES	DRAWING No. CN81	

CU	CU DESCRIPTION
CN81	Bird Spike

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CG0006	Bird Spike	1	ea	

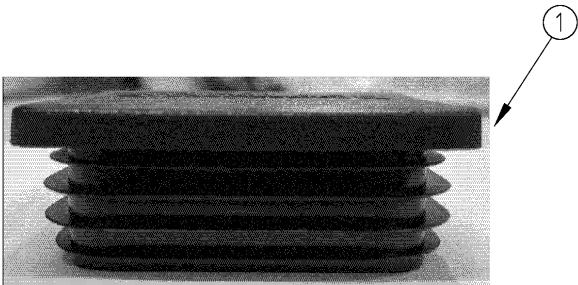


TIE WIRE - 2m

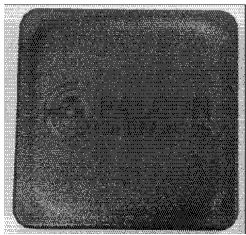
HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 1	DATE 25/06/25
	TIE WIRE	DRAWING No. CN82	

CU	CU DESCRIPTION
CN82	Tie Wire 2m

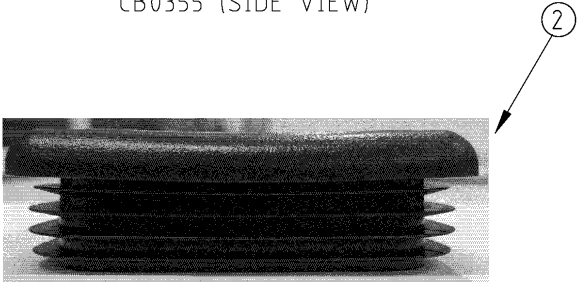
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	IC0118	Tie Wire 2m	1	ea	



CB0355 (SIDE VIEW)



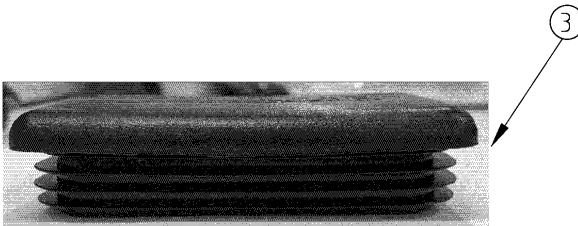
CB0355 (TOP VIEW)



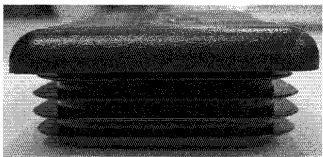
CB0356 (SIDE VIEW)



CB0356 (TOP VIEW)



CB0357 (LONG SIDE VIEW)



CB0357 (SHORT SIDE VIEW)



CB0357 (TOP VIEW)

STOCKCODE	APPLICATION (2 PER CORSSARM)
CB0355	CROSSARM 75X75mm SHS
CB0356	CROSSARM 100X100mm SHS
CB0357	CROSSARM 125X75mm RHS

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 1	DATE 26/06/25
	CROSSARM ENDCAPS	DRAWING No. CN83	

CU	CU DESCRIPTION
CN83_75	Crossarm End Cap (75x75 SHS)

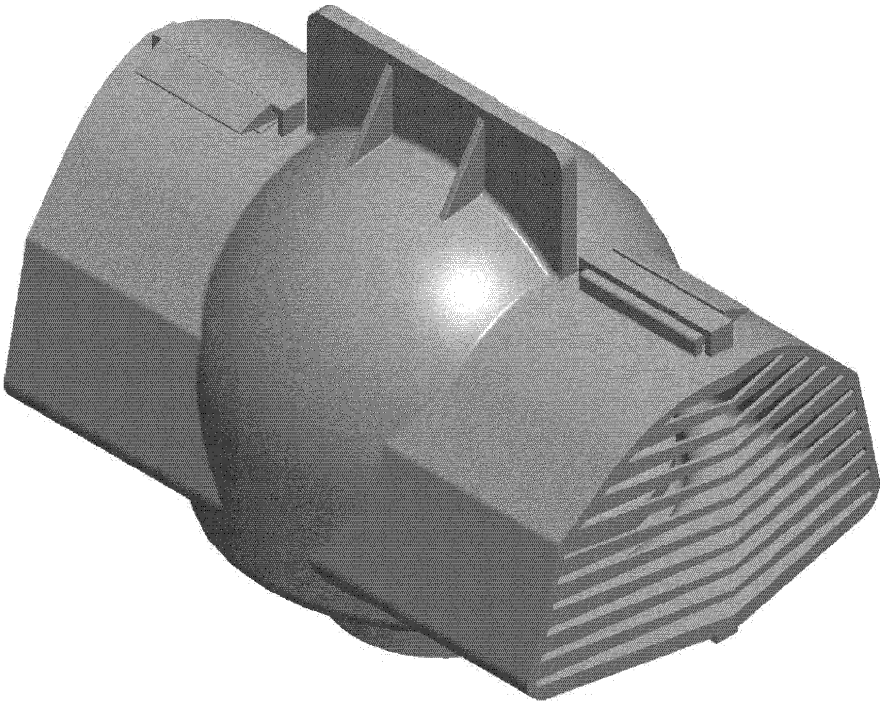
ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	CB0355	Crossarm End Cap (75x75 SHS)	1	ea	

CU	CU DESCRIPTION
CN83_100	Crossarm End Cap (100x100 SHS)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
2	CB0356	Crossarm End Cap (100x100 SHS)	1	ea	

CU	CU DESCRIPTION
CN83_125	Crossarm End Cap (125x75 RHS)

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
3	CB0357	Crossarm End Cap (125x75 SHS)	1	ea	



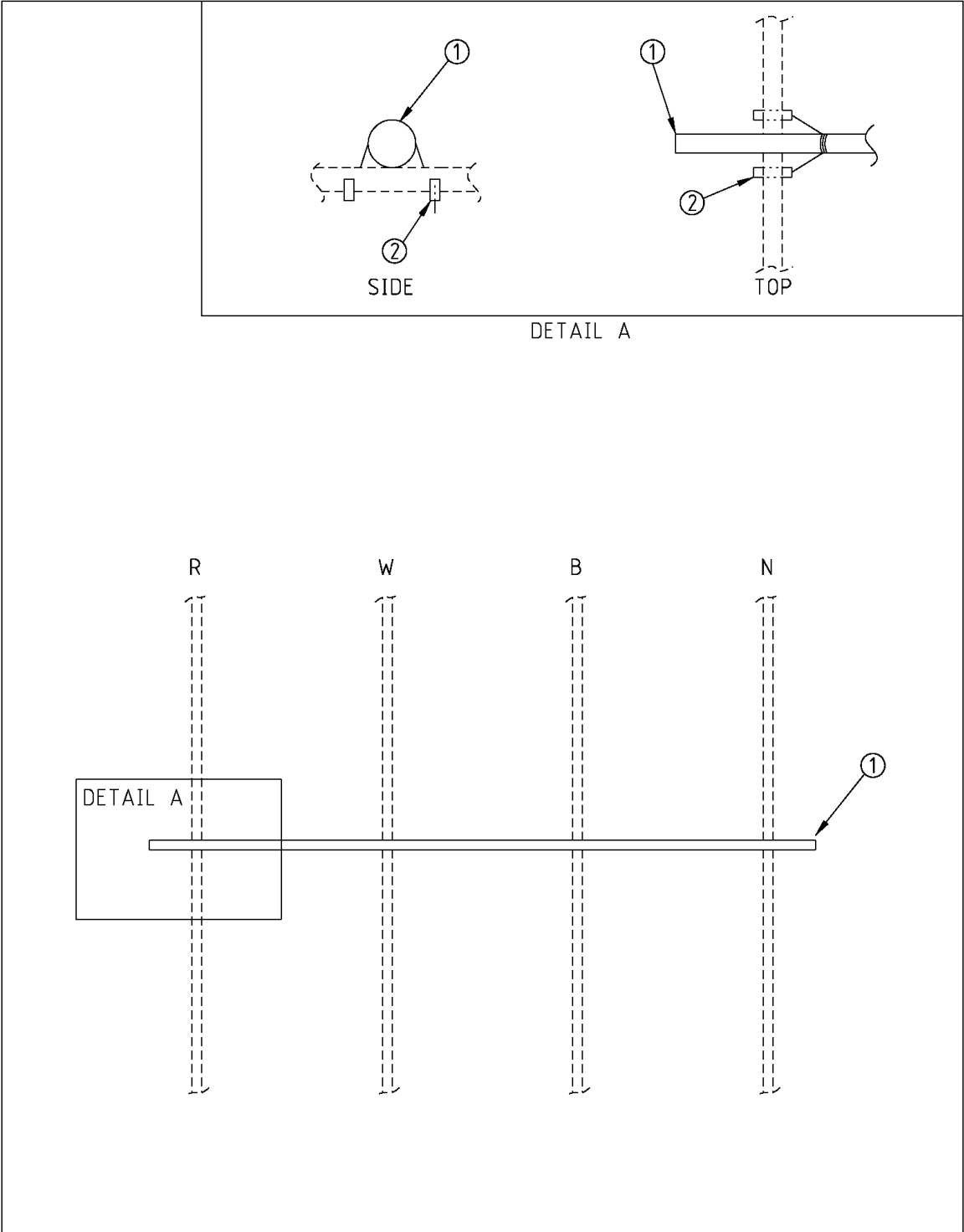
HIGH VOLTAGE INSULATION COVER

PART No:	BCAC-CAP-3D/8(B12)
COLOUR	RED
DIAMETER (mm)	125
HEIGHT (mm)	135
LENGTH (mm)	202
WIDTH (mm)	125

HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTOR AND FITTINGS	REVISION 1	DATE 26/06/25
	HIGH VOLTAGE INSULATION COVER	DRAWING No. CN84	

CU	CU DESCRIPTION
CN84	High Voltage Insulator Cover

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	GTH0354	High Voltage Insulator Cover	1	ea	



HORIZON POWER DISTRIBUTION DESIGN CATALOGUE ENGINEERING DIVISION	07 - CONDUCTORS AND FITTINGS	REVISION 0	DATE 05/11/25
	LV SPREADER ROD	DRAWING No. CN85	

CU	CU DESCRIPTION
CN85	LV Spreader Rod

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	IR0008	LV Spreader Rod – PVC White	1	ea	
2	IR0007	Spreader Rod Clips	4	ea	

APPENDIX A

REVISION INFORMATION

(Informative) Horizon Power has endeavoured to provide standards of the highest quality and would appreciate notification if any errors are found or even queries raised.

Each Standard makes use of its own comment sheet which is maintained throughout the life of the standard, which lists all comments made by stakeholders regarding the standard.

The document **DM# 2152910** can be used to record any errors or queries found in or pertaining to this standard, which can then be addressed whenever the standard gets reviewed.

Date	Rev No.	Notes
	0	Western Power Supplied
01/07/2009	1	Original Horizon Power issue
11/01/2011	2	Reviewed and Updated
09/07/2012	3	Change of Document Control
21/01/2014	4	Index List CU Description • CN16_7/250, CN16_7/475, CN16_19/325, CN17_7/12, CN39_3/275, CN40_TERMITE removed. • CN35_32 replaced with CN35_30 ST Index Drawing; CN16, CN39, CN40, CN47 removed CN10 List; CN10_7/475 description change (& 7/4.50 AAC/AAAC) added CN16 Drawing and List removed CN17 List • Stock Code changes for CN17_7/250, 7/475, 7/300, 7/375 • CN17_7/12 removed SCN18 Drawing; Notes added CN35 List; CN35_32 changed to CN35_30 CN36, CN37 & CN38 Drawings added CN39 & CN40 Lists removed CN41, CN42, CN44/45, CN46, CN48/49/50, CN51, CN53, CN54 & CN56 Drawings added CN56 List; CN56_100/125 stock code changes CN61 & CN71 Drawings added

Date	Rev No.	Notes
14/09/2018	5	Stock item descriptions updated for consistency. Index List CU Description • CN30_7/250, CN30_7/475, CN30_19/325, CN30_7/16 and CN30_3/275 added • CN74_3/275, CN74_6/1/250, CN74_6/1/300, CN74_6/475, CN74_7/250 and CN74_7/375 added • CN79_3/275, CN79_19/325, CN79_7/250, CN79_7/375 and CN79_475 added ST Index Drawing; CN30, CN74, CN79 added CN18 Lists Ties added to armour rods CN30 Drawing and lists added CN65 List; CN65_95AL, CN65_150AL, CN65_95CU, CN65_150CU removed CN74 Drawing and lists added CN79 Drawing and lists added
6/11/2019	6	CN79 • Update CN79 Drawing as per new stock item -CN79_3/275 • Additional CU CN79_3/275 in lists CN30_7/16 • FC0105 description: stainless steel 304 replaces galvanised steel CN30_3/275 • FC0105 description: stainless steel 304 replaces galvanised steel CN48_TERM, • Stock No. EC2557 (22kV 185mm² HV TR-xlpe) replaces EE2557 (185mm² HV xlpe) cable CN48_33 • Stock No. EC2551 (33kV 185mm² HV TR-xlpe) replaces EE2551 (185mm² HV xlpe) cable CN53_TERMITE • Stock No. EC2169 (22kV 400mm² HV TR-xlpe) replaces EE2169 (400mm² HV xlpe) cable CN51_1PHASE • Stock No. EC2004 (50mm² HV TR-xlpe) replaces EE2004 50mm² HV xlpe cable
11/11/2020	7	CN Index List: • CN60 added.

Date	Rev No.	Notes
		• CN74_19/325 added. CN Drawing Index: • CN60 Drawing added. CN60 new Drawing added. CN60 new List added. CN74 Drawing: • Drawing notes amended as per Technical Bulletin 2020/02. CN74_7/475 List: • CD0024 replaced with CD0025. CN74_19/325 new List added.
12/03/2021	8	CN Index List: • CN30 added. CN18 List: • Armour rod CF0240 has been added to cater AAC, AAAC and ACSR 7/3.75 conductor. CN30 Drawing: • Shows parallel groove clamps and splice. CN30 List: • Replace live line clamp CC0496 with CC0497. • Introduce splice CF0479 for 7/1.6 SC/GZ conductor. • Replace TWC with PG clamps CC0224.
13/05/2021	9	CN Index List: • CN44_TERM deleted. • CN49_TERM deleted. • CN50 deleted. CN44_TERM has been added. CN46_TERM List: • Change EE2558 to EC2558 System voltage has been added in title of DDC drawings of cables. DBT in equipment list or Termite protection in Description title have been added for cables where applicable.
17/01/2023	10	• Updated to new template.

Date	Rev No.	Notes
		• CN74_6/1/275 deleted. • CN51_3PHASE: ◦ EC1136 replaced with EC2003 • CN54_2M_SLAB description updated to match stock description. • CN80, CN81 and CN82 have been added.
19/01/2024	11	Drawing Updates • CN30 • CN74 CN35_10SL has been added. CN53 List • Stock code updated from EC1926 TO EC2198 CN56_150 has been added. CN18 • Line items added
2/5/2024	12	CN83_75, CN83_100, CN83_125 Drawings and Equipment lists added CN84 Drawing and Equipment list added Remove CN36_7/250 CN68_95/35 CC0079 replaces CC0088
27/06/2025	13	Updated document to new template Minor cosmetic updates to all drawings Updated descriptions for CUs to be consistent CN17: • Updated CN17 Drawing • Added CN17_MT1 and CN17_MT2 - Mechanical Tension Repair Joint CN35 Lists • Added AB2863 CN53_240 created Removed CN64_S – Obsolete stock, CN64_L to be used instead Removed CN71_3/6
6/10/2025	14	Update stock code for CN45_TERMITE:

Date	Rev No.	Notes
		- Updated CU Description, replacing Termite with Double Brass Tape - Updated Stock Number from EC1337 to EC1105 - Updated Stock Number Description, replacing Termite with Double Brass Tape CN1 and CN4 - Move SCAC from CN1 to CN4 - Update stock code. CN6 and CN8: - Updated notes to include ball hook and tongue only for glass and porcelain insulator disc constructions. - Add shackle. CN18 - Update comments. - Update drawing to show current insulator used for this construction. Update CN26 and CN27 drawing to show current insulator used for this construction. Update comments in CN30 Update comments in CN74 to better align to the purpose of this document.
11/11/2025	15	Add CN85 – LV Spreader Rod. Update contents page to include all CN83 CU's and link CN83-CN85. Update title block in each to state "07 – CONDUCTOR AND FITTINGS"