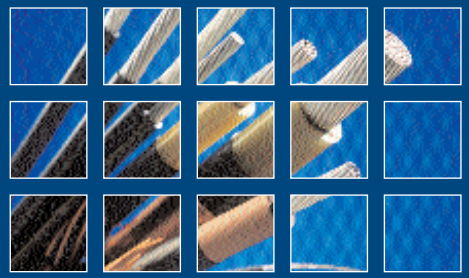
PRYSMIAN CABLES & SYSTEMS

5-46kV TRXLPE DOUBLESEAL® CSA



2011.03.22

Description

Single conductor cable with solid or filled strand aluminum or copper conductors, triple extruded insulation system consisting of a thermosetting semiconducting conductor shield, high dielectric strength VOLTALENE® TRXLPE insulation, thermosetting semiconducting insulation shield, copper concentric neutral wires, water swellable agents, black encapsulating linear low-density polyethylene (LLDPE) jacket.

Specifications	Ratings
CSA CSA C68.5	-40°C
ICEA ICEA T-31-610	
ICEA ICEA T-34-664	

For 90°C continuous, 130°C emergency, 250°C short-circuit operation.

Design Parameters

Conductor

- Solid Class B compact or compressed concentric strand aluminum alloy 1350 or soft drawn annealed copper per ASTM. Stranded conductors are water-blocked with STRANDSEAL® conductor filling compound.

Conductor Shield

- Extruded thermosetting semiconducting shield which is free stripping from the conductor and bonded to the insulation.

Insulation

- Natural high dielectric strength VOLTALENE® TRXLPE insulation, exhibiting an optimum balance of mechanical and electrical properties, insuring resistance to treeing.

Insulation Shield

- Extruded thermosetting semiconducting shield with controlled adhesion to the insulation providing the required balance between electrical integrity and ease of stripping.

Metallic Shield

- Solid bare copper wires, helically applied and uniformly spaced.

Water Blocking Agents

- Water swellable agents applied underneath the jacket and around the concentric neutral wires to resist longitudinal water penetration under the jacket.

Jacket

- Black insulating sunlight resistant linear low-density polyethylene encapsulating the neutral wires with three extruded red stripes.

Options

- Black LLDPE jacket with no stripes
- EPROTENAX® (EPR) insulation
- Multiplex cables
- Tinned round or flat strap neutrals
- Super smooth conductor shield
- Cables made to AEIC CS8 and/or ICEA S-94-649
- 46kV

Installations

- Conduit in Air
- Direct Buried
- Underground Duct
- Isolated in Air
- Wet Locations
- Dry Locations
- With Messenger
- Utility Primary

Prysmian Power Cables and Systems
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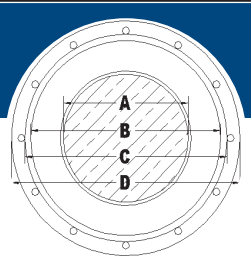

TRXLPE DOUBLESEAL® CSA

5kV
100% | 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
5kV 100%/133% Aluminum Single Phase – Full Neutral																			
Q4LØ3ZC	2 SOLID AL	90	10-#14	6.55	12.40	14.27	20.38	546	178	119	2.17	0.08	2.17	0.08	169	2.17	0.08	2.17	0.08
Q4MØ3ZC	2 AWG AL	90	10-#14	6.81	12.55	14.43	20.53	552	178	120	2.20	0.08	2.20	0.08	170	2.20	0.08	2.20	0.08
Q4NØ3ZC	1 SOLID AL	90	13-#14	7.34	13.18	15.06	21.16	639	178	136	1.70	0.08	1.70	0.08	193	1.70	0.08	1.70	0.08
Q4OØ3ZC	1 AWG AL	90	13-#14	7.65	13.39	15.27	21.37	648	178	138	1.72	0.07	1.72	0.07	195	1.72	0.07	1.72	0.07
Q4PØ3ZC	1/0 SOLID AL	90	16-#14	8.26	14.10	15.98	22.08	741	178	155	1.36	0.07	1.36	0.07	219	1.36	0.07	1.36	0.07
Q4QØ3ZC	1/0 AWG AL	90	16-#14	8.59	14.33	16.21	22.31	752	203	156	1.38	0.07	1.38	0.07	220	1.38	0.07	1.38	0.07
Q4RØ3ZC	2/0 AWG AL	90	13-#12	9.60	15.34	17.22	24.17	924	203	181	1.08	0.07	1.08	0.07	251	1.08	0.07	1.08	0.07
Q4SØ3ZC	3/0 AWG AL	90	16-#12	10.82	16.56	18.44	25.39	1086	203	206	0.86	0.06	0.86	0.06	285	0.86	0.06	0.86	0.06
Q4TØ3ZC	4/0 AWG AL	90	20-#12	12.14	17.88	19.76	26.71	1240	229	235	0.69	0.06	0.69	0.06	324	0.69	0.06	0.69	0.06
Q4UØ3ZC	250 MCM AL	90	23-#12	13.28	19.28	21.16	28.11	1497	229	264	0.56	0.06	0.56	0.06	358	0.56	0.06	0.56	0.06
Q4VØ3ZC	350 MCM AL	90	33-#12	15.72	21.72	23.60	30.55	1991	254	313	0.42	0.06	0.42	0.05	423	0.42	0.06	0.42	0.05
5kV 100%/133% Aluminum Three Phase – One-Third Neutral																			
Q4LØ2ZC	2 SOLID AL	90	6-#16	6.55	12.40	14.27	19.70	416	178	123	1.08	0.15	2.88	0.08	178	1.12	0.34	2.84	0.08
Q4MØ2ZC	2 AWG AL	90	6-#16	6.81	12.55	14.43	19.85	422	178	123	1.10	0.15	2.90	0.08	179	1.13	0.34	2.86	0.08
Q4NØ2ZC	1 SOLID AL	90	7-#16	7.34	13.18	15.06	20.49	467	178	140	0.86	0.15	2.66	0.08	202	0.89	0.33	2.62	0.08
Q4OØ2ZC	1 AWG AL	90	7-#16	7.65	13.39	15.27	20.69	476	178	140	0.87	0.14	2.67	0.07	203	0.91	0.32	2.64	0.07
Q4PØ2ZC	1/0 SOLID AL	90	9-#16	8.26	14.10	15.98	21.40	537	178	159	0.68	0.14	2.48	0.07	229	0.71	0.32	2.45	0.07
Q4QØ2ZC	1/0 AWG AL	90	9-#16	8.59	14.33	16.21	21.63	548	178	160	0.70	0.14	2.50	0.07	229	0.73	0.31	2.47	0.07
Q4RØ2ZC	2/0 AWG AL	90	11-#16	9.60	15.34	17.22	22.65	628	203	182	0.55	0.13	2.10	0.07	258	0.59	0.30	2.07	0.07
Q4SØ2ZC	3/0 AWG AL	90	14-#16	10.82	16.56	18.44	23.87	735	203	208	0.44	0.13	1.64	0.06	290	0.48	0.29	1.62	0.06
Q4TØ2ZC	4/0 AWG AL	90	17-#16	12.14	17.88	19.76	25.19	807	203	237	0.35	0.12	1.33	0.06	323	0.40	0.28	1.32	0.06
Q4UØ2ZC	250 MCM AL	90	21-#16	13.28	19.28	21.16	26.58	1002	229	261	0.30	0.12	1.13	0.06	348	0.35	0.27	1.12	0.06
Q4VØ2ZC	350 MCM AL	90	27-#16	15.72	21.72	23.60	29.02	1264	254	314	0.22	0.11	0.82	0.05	399	0.28	0.24	0.81	0.05
Q4WØ2ZC	500 MCM AL	90	25-#14	18.80	24.79	26.67	32.77	1725	279	381	0.16	0.11	0.57	0.05	449	0.23	0.22	0.57	0.05
Q4XØ2ZC	750 MCM AL	90	24-#12	23.11	29.36	31.70	38.65	2529	330	465	0.11	0.11	0.39	0.04	504	0.19	0.18	0.38	0.04
Q4YØ2ZC	1000 MCM AL	90	31-#12	26.92	33.17	35.51	43.88	3279	356	522	0.09	0.10	0.29	0.04	540	0.17	0.15	0.29	0.04

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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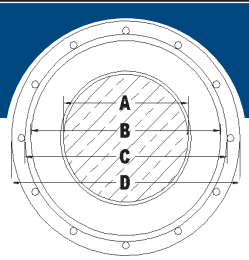

TRXLPE DOUBLESEAL® CSA

5kV
100% | 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
5kV 100%/133% Copper Single Phase – Full Neutral																			
Q43Ø3ZC	2 SOLID CU	90	16-#14	6.55	12.40	14.27	20.38	860	178	152	1.34	0.08	1.34	0.08	215	1.34	0.08	1.34	0.08
Q44Ø3ZC	2 AWG CU	90	16-#14	6.81	12.55	14.43	20.53	867	178	153	1.35	0.08	1.35	0.08	217	1.35	0.08	1.35	0.08
Q45Ø3ZC	1 SOLID CU	90	13-#12	7.34	13.18	15.06	22.01	1062	178	175	1.04	0.08	1.04	0.08	245	1.04	0.08	1.04	0.08
Q46Ø3ZC	1 AWG CU	90	13-#12	7.59	13.34	15.21	22.16	1075	178	176	1.06	0.08	1.06	0.08	247	1.06	0.08	1.06	0.08
Q47Ø3ZC	1/0 SOLID CU	90	16-#12	8.26	14.10	15.98	22.93	1267	203	198	0.84	0.08	0.84	0.07	277	0.84	0.08	0.84	0.07
Q48Ø3ZC	1/0 AWG CU	90	16-#12	8.59	14.33	16.21	23.15	1281	203	200	0.85	0.07	0.85	0.07	280	0.85	0.07	0.85	0.07
Q49Ø3ZC	2/0 AWG CU	90	20-#12	9.60	15.34	17.22	24.17	1542	203	231	0.67	0.07	0.67	0.07	317	0.67	0.07	0.67	0.07
Q4AØ3ZC	3/0 AWG CU	90	26-#12	10.82	16.56	18.44	25.39	1897	203	262	0.53	0.07	0.53	0.07	359	0.53	0.07	0.53	0.07
Q4BØ3ZC	4/0 AWG CU	90	32-#12	12.14	17.88	19.76	26.71	2296	229	300	0.43	0.06	0.43	0.06	407	0.43	0.06	0.43	0.06
5kV 100%/133% Copper Three Phase – One-Third Neutral																			
Q43Ø2ZC	2 SOLID CU	90	9-#16	6.55	12.40	14.27	19.70	657	178	157	0.66	0.15	2.45	0.08	227	0.69	0.34	2.41	0.08
Q44Ø2ZC	2 AWG CU	90	9-#16	6.81	12.55	14.43	19.85	665	178	158	0.67	0.15	2.47	0.08	228	0.70	0.34	2.43	0.08
Q45Ø2ZC	1 SOLID CU	90	11-#16	7.34	13.18	15.06	20.49	771	178	179	0.52	0.15	2.06	0.08	256	0.56	0.33	2.03	0.08
Q46Ø2ZC	1 AWG CU	90	11-#16	7.59	13.34	15.21	20.64	783	178	180	0.53	0.14	2.08	0.07	256	0.57	0.32	2.05	0.07
Q47Ø2ZC	1/0 SOLID CU	90	14-#16	8.26	14.10	15.98	21.40	922	178	204	0.41	0.14	1.61	0.07	286	0.46	0.31	1.59	0.07
Q48Ø2ZC	1/0 AWG CU	90	14-#16	8.59	14.33	16.21	21.63	936	178	205	0.42	0.14	1.62	0.07	287	0.47	0.31	1.60	0.07
Q49Ø2ZC	2/0 AWG CU	90	17-#16	9.60	15.34	17.22	22.65	1115	203	233	0.34	0.13	1.32	0.07	320	0.39	0.29	1.31	0.07
Q4AØ2ZC	3/0 AWG CU	90	21-#16	10.82	16.56	18.44	23.87	1343	203	265	0.27	0.13	1.04	0.06	353	0.33	0.28	1.03	0.06
Q4BØ2ZC	4/0 AWG CU	90	27-#16	12.14	17.88	19.76	25.19	1636	203	301	0.22	0.12	0.82	0.06	385	0.29	0.26	0.81	0.06
Q4CØ2ZC	250 MCM CU	90	21-#14	13.28	19.28	21.16	27.26	1966	229	331	0.19	0.12	0.70	0.06	408	0.26	0.25	0.70	0.06
Q4DØ2ZC	350 MCM CU	90	28-#14	15.72	21.72	23.60	29.70	2607	254	393	0.14	0.11	0.51	0.05	452	0.22	0.21	0.50	0.05
Q4EØ2ZC	500 MCM CU	90	26-#12	18.77	24.77	26.64	33.59	3653	279	464	0.11	0.11	0.34	0.05	494	0.19	0.17	0.34	0.05
Q4FØ2XC	750 MCM CU	90	25-#10	24.59	30.84	33.17	41.20	5527	330	542	0.08	0.11	0.24	0.05	550	0.16	0.14	0.24	0.05
Q4GØ2XC	1000 MCM CU	90	32-#10	28.37	34.62	36.96	46.41	7223	381	588	0.07	0.10	0.18	0.04	603	0.13	0.11	0.18	0.04

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▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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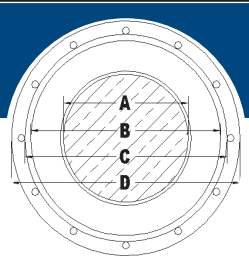

TRXLPE DOUBLESEAL® CSA

8kV 100%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
8kV 100% Aluminum Single Phase – Full Neutral																			
Q5LØ3ZC	2 SOLID AL	115	10-#14	6.55	13.67	15.54	21.65	586	178	120	2.17	0.09	2.17	0.09	169	2.17	0.09	2.17	0.09
Q5MØ3ZC	2 AWG AL	115	10-#14	6.81	13.82	15.70	21.80	592	178	120	2.20	0.09	2.20	0.09	169	2.20	0.09	2.20	0.09
Q5NØ3ZC	1 SOLID AL	115	13-#14	7.34	14.45	16.33	22.43	680	203	138	1.70	0.08	1.70	0.08	193	1.70	0.08	1.70	0.08
Q5OØ3ZC	1 AWG AL	115	13-#14	7.65	14.66	16.54	22.64	690	203	138	1.72	0.08	1.72	0.08	193	1.72	0.08	1.72	0.08
Q5PØ3ZC	1/0 SOLID AL	115	16-#14	8.26	15.37	17.25	23.35	784	203	157	1.36	0.08	1.36	0.08	219	1.36	0.08	1.36	0.08
Q5QØ3ZC	1/0 AWG AL	115	16-#14	8.59	15.60	17.48	23.58	795	203	156	1.38	0.08	1.38	0.08	218	1.38	0.08	1.38	0.08
Q5RØ3ZC	2/0 AWG AL	115	13-#12	9.60	16.61	18.49	25.44	971	229	180	1.08	0.08	1.08	0.07	249	1.08	0.08	1.08	0.07
Q5SØ3ZC	3/0 AWG AL	115	16-#12	10.82	17.83	19.71	26.66	1135	229	205	0.86	0.07	0.86	0.07	282	0.86	0.07	0.86	0.07
Q5TØ3ZC	4/0 AWG AL	115	20-#12	12.14	19.15	21.03	27.98	1291	229	234	0.69	0.07	0.69	0.07	320	0.69	0.07	0.69	0.07
Q5Uv3ZC	250 MCM AL	115	23-#12	13.28	20.55	22.43	29.38	1551	254	257	0.59	0.06	0.59	0.06	350	0.59	0.06	0.59	0.06
Q5VØ3ZC	350 MCM AL	115	33-#12	15.72	22.99	24.87	31.82	2050	279	314	0.42	0.06	0.42	0.06	425	0.42	0.06	0.42	0.06
8kV 100% Aluminum Three Phase – One-Third Neutral																			
Q5LØ2ZC	2 SOLID AL	115	6-#16	6.55	13.67	15.54	20.97	455	178	123	1.08	0.15	3.91	0.09	179	1.10	0.34	3.84	0.09
Q5MØ2ZC	2 AWG AL	115	6-#16	6.81	13.82	15.70	21.12	461	178	123	1.10	0.16	3.93	0.09	178	1.12	0.34	3.86	0.09
Q5NØ2ZC	1 SOLID AL	115	7-#16	7.34	14.45	16.33	21.76	507	178	140	0.86	0.15	3.28	0.08	202	0.88	0.33	3.23	0.08
Q5OØ2ZC	1 AWG AL	115	7-#16	7.65	14.66	16.54	21.96	516	178	140	0.87	0.15	3.30	0.08	201	0.90	0.33	3.25	0.08
Q5PØ2ZC	1/0 SOLID AL	115	9-#16	8.26	15.37	17.25	22.67	578	203	160	0.68	0.14	2.57	0.08	229	0.71	0.32	2.53	0.08
Q5QØ2ZC	1/0 AWG AL	115	9-#16	8.59	15.60	17.48	22.90	589	203	159	0.70	0.14	2.59	0.08	227	0.73	0.32	2.55	0.08
Q5RØ2ZC	2/0 AWG AL	115	11-#16	9.60	16.61	18.49	23.92	672	203	181	0.55	0.14	2.10	0.07	256	0.59	0.31	2.07	0.07
Q5SØ2ZC	3/0 AWG AL	115	14-#16	10.82	17.83	19.71	25.14	781	203	207	0.44	0.13	1.65	0.07	287	0.48	0.30	1.63	0.07
Q5TØ2ZC	4/0 AWG AL	115	17-#16	12.14	19.15	21.03	26.46	855	229	235	0.35	0.13	1.35	0.06	320	0.40	0.29	1.34	0.06
Q5UØ2ZC	250 MCM AL	115	21-#16	13.28	20.55	22.43	27.85	1053	229	259	0.30	0.12	1.11	0.06	345	0.35	0.27	1.10	0.06
Q5VØ2ZC	350 MCM AL	115	27-#16	15.72	22.99	24.87	30.29	1320	254	312	0.22	0.12	0.84	0.06	397	0.28	0.25	0.84	0.06
Q5WØ2ZC	500 MCM AL	115	25-#14	18.80	26.06	28.40	34.50	1815	279	378	0.16	0.11	0.58	0.05	447	0.23	0.22	0.58	0.05
Q5XØ2ZC	750 MCM AL	115	24-#12	23.11	30.63	32.97	39.92	2602	330	461	0.11	0.11	0.38	0.05	501	0.19	0.18	0.38	0.05
Q5YØ2ZC	1000 MCM AL	115	31-#12	26.92	34.44	36.78	45.15	3362	381	521	0.09	0.10	0.30	0.05	539	0.17	0.15	0.29	0.05

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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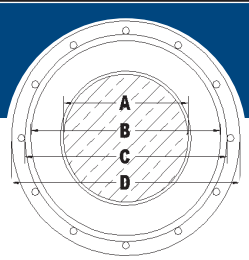

TRXLPE DOUBLESEAL® CSA

8kV 100%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
8kV 100% Copper Single Phase – Full Neutral																			
Q53Ø3ZC	2 SOLID CU	115	16-#14	6.55	13.67	15.54	21.65	900	178	154	1.34	0.09	1.34	0.08	215	1.34	0.09	1.34	0.08
Q54Ø3ZC	2 AWG CU	115	16-#14	6.81	13.82	15.70	21.80	907	178	153	1.35	0.09	1.35	0.08	215	1.35	0.09	1.35	0.08
Q55Ø3ZC	1 SOLID CU	115	13-#12	7.34	14.45	16.33	23.28	1104	203	177	1.04	0.08	1.04	0.08	245	1.04	0.08	1.04	0.08
Q56Ø3ZC	1 AWG CU	115	13-#12	7.59	14.61	16.48	23.43	1118	203	176	1.06	0.09	1.06	0.08	244	1.06	0.09	1.06	0.08
Q57Ø3ZC	1/0 SOLID CU	115	16-#12	8.26	15.37	17.25	24.20	1311	203	200	0.84	0.08	0.84	0.07	277	0.84	0.08	0.84	0.07
Q5803ZC	1/0 AWG CU	115	16-#12	8.59	15.60	17.48	24.42	1326	203	200	0.85	0.08	0.85	0.07	277	0.85	0.08	0.85	0.07
Q59Ø3ZC	2/0 AWG CU	115	20-#12	9.60	16.61	18.49	25.44	1589	229	228	0.68	0.08	0.68	0.07	315	0.68	0.08	0.68	0.07
Q5AØ3ZC	3/0 AWG CU	115	26-#12	10.82	17.83	19.71	26.66	1947	229	262	0.53	0.07	0.53	0.07	361	0.53	0.07	0.53	0.07
Q5BØ3ZC	4/0 AWG CU	115	32-#12	12.14	19.15	21.03	27.98	2348	229	298	0.42	0.07	0.42	0.06	408	0.42	0.07	0.42	0.06
8kV 100% Copper Three Phase – One-Third Neutral																			
Q53Ø2ZC	2 SOLID CU	115	9-#16	6.55	13.67	15.54	20.97	696	178	158	0.66	0.15	2.54	0.08	227	0.69	0.34	2.49	0.08
Q54Ø2ZC	2 AWG CU	115	9-#16	6.81	13.82	15.70	21.12	703	178	157	0.67	0.16	2.55	0.08	226	0.70	0.34	2.51	0.08
Q55Ø2ZC	1 SOLID CU	115	11-#16	7.34	14.45	16.33	21.76	810	178	180	0.52	0.15	2.06	0.08	256	0.56	0.33	2.03	0.08
Q56Ø2ZC	1 AWG CU	115	11-#16	7.59	14.61	16.48	21.91	823	178	179	0.53	0.15	2.08	0.07	254	0.57	0.33	2.04	0.07
Q57Ø2ZC	1/0 SOLID CU	115	14-#16	8.26	15.37	17.25	22.67	964	203	205	0.41	0.14	1.63	0.07	286	0.46	0.31	1.60	0.07
Q58Ø2ZC	1/0 AWG CU	115	14-#16	8.59	15.60	17.48	22.90	978	203	204	0.42	0.14	1.64	0.07	285	0.47	0.31	1.61	0.07
Q59Ø2ZC	2/0 AWG CU	115	17-#16	9.60	16.61	18.49	23.92	1159	203	232	0.34	0.14	1.34	0.07	317	0.39	0.30	1.32	0.07
Q5AØ2ZC	3/0 AWG CU	115	21-#16	10.82	17.83	19.71	25.14	1389	203	263	0.27	0.13	1.08	0.06	351	0.33	0.29	1.07	0.06
Q5BØ2ZC	4/0 AWG CU	115	27-#16	12.14	19.15	21.03	26.46	1684	229	299	0.22	0.13	0.84	0.06	383	0.29	0.27	0.84	0.06
Q5CØ2ZC	250 MCM CU	115	21-#14	13.28	20.55	22.43	28.53	2018	229	328	0.19	0.13	0.70	0.06	405	0.26	0.25	0.69	0.06
Q5DØ2ZC	350 MCM CU	115	28-#14	15.72	22.99	24.87	30.97	2664	254	391	0.14	0.12	0.52	0.05	452	0.22	0.22	0.51	0.05
Q5EØ2ZC	500 MCM CU	115	26-#12	18.77	26.04	28.37	35.32	3745	305	462	0.11	0.11	0.35	0.05	493	0.19	0.18	0.35	0.05
Q5FØ2XC	750 MCM CU	115	25-#10	24.59	32.11	34.44	43.89	5695	356	542	0.08	0.11	0.23	0.05	554	0.16	0.13	0.23	0.05
Q5GØ2XC	1000 MCM CU	115	32-#10	28.37	35.89	38.23	47.68	7311	406	592	0.07	0.10	0.18	0.04	607	0.13	0.11	0.18	0.04

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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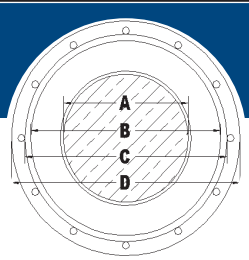

TRXLPE DOUBLESEAL® CSA

8kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
8kV 133% Aluminum Single Phase – Full Neutral																			
Q6LØ3ZC	2 SOLID AL	140	10-#14	6.55	14.99	16.87	22.97	630	203	120	2.17	0.09	2.17	0.09	169	2.17	0.09	2.17	0.09
Q6MØ3ZC	2 AWG AL	140	10-#14	6.81	15.14	17.02	23.12	636	203	120	2.20	0.09	2.20	0.09	169	2.20	0.09	2.20	0.09
Q6NØ3ZC	1 SOLID AL	140	13-#14	7.34	15.77	17.65	23.75	726	203	138	1.70	0.08	1.70	0.08	193	1.70	0.08	1.70	0.08
Q6OØ3ZC	1 AWG AL	140	13-#14	7.65	15.98	17.86	23.96	736	203	138	1.72	0.08	1.72	0.08	193	1.72	0.08	1.72	0.08
Q6PØ3ZC	1/0 SOLID AL	140	16-#14	8.26	16.69	18.57	24.67	831	203	157	1.36	0.08	1.36	0.08	219	1.36	0.08	1.36	0.08
Q6QØ3ZC	1/0 AWG AL	140	16-#14	8.59	16.92	18.80	24.90	843	203	156	1.38	0.08	1.38	0.08	218	1.38	0.08	1.38	0.08
Q6RØ3ZC	2/0 AWG AL	140	13-#12	9.60	17.93	19.81	26.76	1022	229	180	1.08	0.08	1.08	0.07	249	1.08	0.08	1.08	0.07
Q6SØ3ZC	3/0 AWG AL	140	16-#12	10.82	19.15	21.03	27.98	1188	229	205	0.86	0.07	0.86	0.07	282	0.86	0.07	0.86	0.07
Q6TØ3ZC	4/0 AWG AL	140	20-#12	12.14	20.47	22.35	29.30	1347	254	234	0.69	0.07	0.69	0.07	320	0.69	0.07	0.69	0.07
Q6UØ3ZC	250 MCM AL	140	23-#12	13.28	21.87	23.75	30.70	1610	254	257	0.59	0.06	0.59	0.06	350	0.59	0.06	0.59	0.06
Q6VØ3ZC	350 MCM AL	140	33-#12	15.72	24.31	26.19	33.14	2113	279	314	0.42	0.06	0.42	0.06	425	0.42	0.06	0.42	0.06
8kV 133% Aluminum Three Phase – One-Third Neutral																			
Q6LØ2ZC	2 SOLID AL	140	6-#16	6.55	14.99	16.87	22.29	497	203	123	1.08	0.15	3.91	0.09	179	1.10	0.34	3.84	0.09
Q6MØ2ZC	2 AWG AL	140	6-#16	6.81	15.14	17.02	22.44	504	203	123	1.10	0.16	3.93	0.09	178	1.12	0.34	3.86	0.09
Q6NØ2ZC	1 SOLID AL	140	7-#16	7.34	15.77	17.65	23.08	550	203	140	0.86	0.15	3.28	0.08	202	0.88	0.33	3.23	0.08
Q6OØ2ZC	1 AWG AL	140	7-#16	7.65	15.98	17.86	23.28	560	203	140	0.87	0.15	3.30	0.08	201	0.90	0.33	3.25	0.08
Q6PØ2ZC	1/0 SOLID AL	140	9-#16	8.26	16.69	18.57	23.99	624	203	160	0.68	0.14	2.57	0.08	229	0.71	0.32	2.53	0.08
Q6QØ2ZC	1/0 AWG AL	140	9-#16	8.59	16.92	18.80	24.22	636	203	159	0.70	0.14	2.59	0.08	227	0.73	0.32	2.55	0.08
Q6RØ2ZC	2/0 AWG AL	140	11-#16	9.60	17.93	19.81	25.24	720	203	181	0.55	0.14	2.10	0.07	256	0.59	0.31	2.07	0.07
Q6SØ2ZC	3/0 AWG AL	140	14-#16	10.82	19.15	21.03	26.46	832	229	207	0.44	0.13	1.65	0.07	287	0.48	0.30	1.63	0.07
Q6TØ2ZC	4/0 AWG AL	140	17-#16	12.14	20.47	22.35	27.78	908	229	235	0.35	0.13	1.35	0.06	320	0.40	0.29	1.34	0.06
Q6UØ2ZC	250 MCM AL	140	21-#16	13.28	21.87	23.75	29.17	1109	254	259	0.30	0.12	1.11	0.06	345	0.35	0.27	1.10	0.06
Q6VØ2ZC	350 MCM AL	140	27-#16	15.72	24.31	26.19	31.61	1380	254	312	0.22	0.12	0.84	0.06	397	0.28	0.25	0.84	0.06
Q6WØ2ZC	500 MCM AL	140	25-#14	18.80	27.38	29.72	35.82	1884	305	378	0.16	0.11	0.58	0.05	447	0.23	0.22	0.58	0.05
Q6XØ2ZC	750 MCM AL	140	24-#12	23.11	31.95	34.29	41.24	2681	330	461	0.11	0.11	0.38	0.05	501	0.19	0.18	0.38	0.05
Q6YØ2ZC	1000 MCM AL	140	31-#12	26.92	35.76	38.10	46.47	3451	381	521	0.09	0.10	0.30	0.05	539	0.17	0.15	0.29	0.05

†Ampacities are based on the following:

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The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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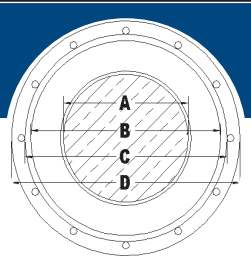

TRXLPE DOUBLESEAL® CSA

8kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
8kV 133% Copper Single Phase – Full Neutral																			
Q63Ø3ZC	2 SOLID CU	140	16-#14	6.55	14.99	16.87	22.97	943	203	154	1.34	0.09	1.34	0.09	215	1.34	0.09	1.34	0.09
Q64Ø3ZC	2 AWG CU	140	16-#14	6.81	15.14	17.02	23.12	951	203	153	1.35	0.09	1.35	0.09	215	1.35	0.09	1.35	0.09
Q65Ø3ZC	1 SOLID CU	140	13-#12	7.34	15.77	17.65	24.60	1152	203	177	1.04	0.08	1.04	0.08	245	1.04	0.08	1.04	0.08
Q66Ø3ZC	1 AWG CU	140	13-#12	7.59	15.93	17.81	24.75	1165	203	176	1.06	0.09	1.06	0.08	244	1.06	0.09	1.06	0.08
Q67Ø3ZC	1/0 SOLID CU	140	16-#12	8.26	16.69	18.57	25.52	1360	229	200	0.84	0.08	0.84	0.08	277	0.84	0.08	0.84	0.08
Q68Ø3ZC	1/0 AWG CU	140	16-#12	8.59	16.92	18.80	25.75	1376	229	200	0.85	0.08	0.85	0.08	277	0.85	0.08	0.85	0.08
Q69Ø3ZC	2/0 AWG CU	140	20-#12	9.60	17.93	19.81	26.76	1640	229	228	0.68	0.08	0.68	0.07	315	0.68	0.08	0.68	0.07
Q6AØ3ZC	3/0 AWG CU	140	26-#12	10.82	19.15	21.03	27.98	2000	229	262	0.53	0.07	0.53	0.07	361	0.53	0.07	0.53	0.07
Q6BØ3ZC	4/0 AWG CU	140	32-#12	12.14	20.47	22.35	29.30	2404	254	298	0.42	0.07	0.42	0.07	408	0.42	0.07	0.42	0.07
8kV 133% Copper Three Phase – One-Third Neutral																			
Q63Ø2ZC	2 SOLID CU	140	9-#16	6.55	14.99	16.87	22.29	738	203	158	0.66	0.15	2.54	0.09	227	0.69	0.34	2.49	0.09
Q64Ø2ZC	2 AWG CU	140	9-#16	6.81	15.14	17.02	22.44	746	203	157	0.67	0.16	2.55	0.09	226	0.70	0.34	2.51	0.09
Q65Ø2ZC	1 SOLID CU	140	11-#16	7.34	15.77	17.65	23.08	854	203	180	0.52	0.15	2.06	0.08	256	0.56	0.33	2.03	0.08
Q66Ø2ZC	1 AWG CU	140	11-#16	7.59	15.93	17.81	23.23	868	203	179	0.53	0.15	2.08	0.08	254	0.57	0.33	2.04	0.08
Q67Ø2ZC	1/0 SOLID CU	140	14-#16	8.26	16.69	18.57	23.99	1010	203	205	0.41	0.14	1.63	0.08	286	0.46	0.31	1.60	0.08
Q68Ø2ZC	1/0 AWG CU	140	14-#16	8.59	16.92	18.80	24.22	1024	203	204	0.42	0.14	1.64	0.08	285	0.47	0.31	1.61	0.08
Q69Ø2ZC	2/0 AWG CU	140	17-#16	9.60	17.93	19.81	25.24	1207	203	232	0.34	0.14	1.34	0.07	317	0.39	0.30	1.32	0.07
Q6AØ2ZC	3/0 AWG CU	140	21-#16	10.82	19.15	21.03	26.46	1439	229	263	0.27	0.13	1.08	0.07	351	0.33	0.29	1.07	0.07
Q6BØ2ZC	4/0 AWG CU	140	27-#16	12.14	20.47	22.35	27.78	1737	229	299	0.22	0.13	0.84	0.06	383	0.29	0.27	0.84	0.06
Q6CØ2ZC	250 MCM CU	140	21-#14	13.28	21.87	23.75	29.85	2075	254	328	0.19	0.13	0.70	0.06	405	0.26	0.25	0.69	0.06
Q6DØ2ZC	350 MCM CU	140	28-#14	15.72	24.31	26.19	32.29	2726	279	391	0.14	0.12	0.52	0.06	452	0.22	0.22	0.51	0.06
Q6EØ2ZC	500 MCM CU	140	26-#12	18.77	27.36	29.69	36.64	3815	305	462	0.11	0.11	0.35	0.05	493	0.19	0.18	0.35	0.05
Q6FØ2XC	750 MCM CU	140	25-#10	24.59	33.43	35.76	45.21	5782	381	542	0.08	0.11	0.23	0.05	554	0.16	0.13	0.23	0.05
Q6GØ2XC	1000 MCM CU	140	32-#10	28.37	37.21	39.55	49.00	7405	406	592	0.07	0.10	0.18	0.05	607	0.13	0.11	0.18	0.05

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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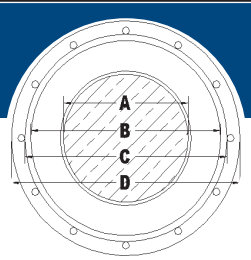

TRXLPE DOUBLESEAL® CSA

15kV 100%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
15kV 100% Aluminum Single Phase – Full Neutral																			
Q7LØ3ZC	2 SOLID AL	175	10-#14	6.55	16.76	18.64	24.74	693	203	123	2.17	0.10	2.17	0.10	169	2.17	0.10	2.17	0.10
Q7MØ3ZC	2 AWG AL	175	10-#14	6.81	16.92	18.80	24.90	700	203	124	2.20	0.10	2.20	0.10	170	2.20	0.10	2.20	0.10
Q7NØ3ZC	1 SOLID AL	175	13-#14	7.34	17.55	19.43	25.53	791	229	141	1.70	0.09	1.70	0.09	193	1.70	0.09	1.70	0.09
Q7OØ3ZC	1 AWG AL	175	13-#14	7.65	17.75	19.63	25.74	801	229	143	1.72	0.09	1.72	0.09	194	1.72	0.09	1.72	0.09
Q7PØ3ZC	1/0 SOLID AL	175	16-#14	8.26	18.47	20.35	26.45	898	229	160	1.36	0.09	1.36	0.09	219	1.36	0.09	1.36	0.09
Q7QØ3ZC	1/0 AWG AL	175	16-#14	8.59	18.69	20.57	26.68	911	229	162	1.38	0.09	1.38	0.09	220	1.38	0.09	1.38	0.09
Q7RØ3ZC	2/0 AWG AL	175	13-#12	9.60	19.71	21.59	28.54	1095	229	186	1.08	0.08	1.08	0.08	251	1.08	0.08	1.08	0.08
Q7SØ3ZC	3/0 AWG AL	175	16-#12	10.82	20.93	22.81	29.76	1264	254	212	0.86	0.08	0.86	0.08	284	0.86	0.08	0.86	0.08
Q7TØ3ZC	4/0 AWG AL	175	20-#12	12.14	22.25	24.13	31.08	1427	254	241	0.69	0.07	0.69	0.07	323	0.69	0.07	0.69	0.07
Q7UØ3ZC	250 MCM AL	175	23-#12	13.28	23.65	25.53	32.48	1694	279	270	0.56	0.07	0.56	0.07	358	0.56	0.07	0.56	0.07
Q7VØ3ZC	350 MCM AL	175	33-#12	15.72	26.09	28.42	35.37	2231	305	321	0.42	0.07	0.42	0.07	422	0.42	0.07	0.42	0.07
15kV 100% Aluminum Three Phase – One-Third Neutral																			
Q7LØ2ZC	2 SOLID AL	175	6-#16	6.55	16.76	18.64	24.07	558	203	126	1.08	0.17	2.86	0.10	175	1.11	0.34	2.81	0.10
Q7MØ2ZC	2 AWG AL	175	6-#16	6.81	16.92	18.80	24.22	565	203	126	1.10	0.17	2.88	0.10	175	1.13	0.34	2.84	0.10
Q7NØ2ZC	1 SOLID AL	175	7-#16	7.34	17.55	19.43	24.86	613	203	143	0.86	0.16	2.64	0.09	199	0.89	0.33	2.59	0.09
Q7OØ2ZC	1 AWG AL	175	7-#16	7.65	17.75	19.63	25.06	624	203	144	0.87	0.16	2.66	0.09	199	0.90	0.32	2.62	0.09
Q7PØ2ZC	1/0 SOLID AL	175	9-#16	8.26	18.47	20.35	25.77	689	229	163	0.68	0.15	2.47	0.09	225	0.71	0.32	2.42	0.09
Q7QØ2ZC	1/0 AWG AL	175	9-#16	8.59	18.69	20.57	26.00	701	229	163	0.70	0.15	2.49	0.09	225	0.72	0.31	2.45	0.09
Q7RØ2ZC	2/0 AWG AL	175	11-#16	9.60	19.71	21.59	27.02	788	229	186	0.55	0.15	2.09	0.08	255	0.58	0.30	2.06	0.08
Q7SØ2ZC	3/0 AWG AL	175	14-#16	10.82	20.93	22.81	28.23	903	229	212	0.44	0.14	1.63	0.08	286	0.48	0.29	1.61	0.08
Q7TØ2ZC	4/0 AWG AL	175	17-#16	12.14	22.25	24.13	29.56	983	254	241	0.35	0.14	1.33	0.07	320	0.39	0.28	1.31	0.07
Q7UØ2ZC	250 MCM AL	175	21-#16	13.28	23.65	25.53	30.95	1187	254	265	0.30	0.13	1.12	0.07	345	0.35	0.27	1.11	007
Q7VØ2ZC	350 MCM AL	175	27-#16	15.72	26.09	28.42	33.85	1492	279	319	0.22	0.13	0.81	0.06	398	0.27	0.25	0.80	0.06
Q7WØ2ZC	500 MCM AL	175	25-#14	18.80	29.16	31.50	37.60	1980	305	385	0.16	0.12	0.57	0.06	451	0.22	0.22	0.57	0.06
Q7XØ2ZC	750 MCM AL	175	24-#12	23.11	33.73	36.07	44.44	2882	356	469	0.11	0.12	0.39	0.05	507	0.19	0.18	0.38	0.05
Q7YØ2ZC	1000 MCM AL	175	31-#12	26.92	37.54	39.88	48.25	3575	406	529	0.09	0.11	0.29	0.05	548	0.16	0.16	0.29	0.05

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The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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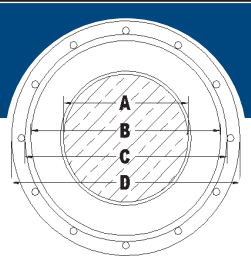

TRXLPE DOUBLESEAL® CSA

15kV 100%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
15kV 100% Copper Single Phase – Full Neutral																			
Q73Ø3ZC	2 SOLID CU	175	16-#14	6.55	16.76	18.64	24.74	1006	203	157	1.34	0.10	1.34	0.10	215	1.34	0.10	1.34	0.10
Q74Ø3ZC	2 AWG CU	175	16-#14	6.81	16.92	18.80	24.90	1015	203	158	1.35	0.10	1.35	0.10	217	1.35	0.10	1.35	0.10
Q75Ø3ZC	1 SOLID CU	175	13-#12	7.34	17.55	19.43	26.38	1219	229	181	1.04	0.10	1.04	0.10	245	1.04	0.10	1.04	0.10
Q76Ø3ZC	1 AWG CU	175	13-#12	7.59	17.70	19.58	26.53	1233	229	182	1.06	0.09	1.06	0.09	246	1.06	0.09	1.06	0.09
Q77Ø3ZC	1/0 SOLID CU	175	16-#12	8.26	18.47	20.35	27.29	1430	229	205	0.84	0.09	0.84	0.09	277	0.84	0.09	0.84	0.09
Q78Ø3ZC	1/0 AWG CU	175	16-#12	8.59	18.69	20.57	27.52	1446	229	207	0.85	0.09	0.85	0.09	279	0.85	0.09	0.85	0.09
Q79Ø3ZC	2/0 AWG CU	175	20-#12	9.60	19.71	21.59	28.54	1713	229	237	0.67	0.08	0.67	0.08	317	0.67	0.08	0.67	0.08
Q7AØ3ZC	3/0 AWG CU	175	26-#12	10.82	20.93	22.81	29.76	2076	254	270	0.53	0.08	0.53	0.08	359	0.53	0.08	0.53	0.08
Q7BØ3ZC	4/0 AWG CU	175	32-#12	12.14	22.25	24.13	31.08	2484	254	307	0.43	0.08	0.43	0.08	407	0.43	0.08	0.43	0.08
15kV 100% Copper Three Phase – One-Third Neutral																			
Q73Ø2ZC	2 SOLID CU	175	9-#16	6.55	16.76	18.64	24.07	799	203	162	0.66	0.17	2.44	0.10	223	0.69	0.34	2.39	0.10
Q74Ø2ZC	2 AWG CU	175	9-#16	6.81	16.92	18.80	24.22	807	203	162	0.67	0.17	2.45	0.10	224	0.70	0.34	2.41	0.10
Q75Ø2ZC	1 SOLID CU	175	11-#16	7.34	17.55	19.43	24.86	917	203	184	0.52	0.16	2.05	0.09	252	0.56	0.33	2.01	0.09
Q76Ø2ZC	1 AWG CU	175	11-#16	7.59	17.70	19.58	25.01	931	203	184	0.53	0.16	2.06	0.09	252	0.57	0.32	2.03	0.09
Q77Ø2ZC	1/0 SOLID CU	175	14-#16	8.26	18.47	20.35	25.77	1075	229	209	0.41	0.15	1.60	0.09	283	0.46	0.32	1.58	0.09
Q78Ø2ZC	1/0 AWG CU	175	14-#16	8.59	18.69	20.57	26.00	1090	229	210	0.42	0.15	1.61	0.09	284	0.46	0.31	1.59	0.09
Q79Ø2ZC	2/0 AWG CU	175	17-#16	9.60	19.71	21.59	27.02	1275	229	238	0.34	0.15	1.31	0.08	317	0.39	0.30	1.29	0.08
Q7AØ2ZC	3/0 AWG CU	175	21-#16	10.82	20.93	22.81	28.23	1511	229	271	0.27	0.14	1.04	0.08	351	0.33	0.28	1.02	0.08
Q7BØ2ZC	4/0 AWG CU	175	27-#16	12.14	22.25	24.13	29.56	1812	254	307	0.22	0.13	0.81	0.07	385	0.28	0.26	0.80	0.07
Q7CØ2ZC	250 MCM CU	175	21-#14	13.28	23.65	25.53	31.63	2156	254	336	0.19	0.13	0.70	0.07	409	0.26	0.25	0.69	0.07
Q7DØ2ZC	350 MCM CU	175	28-#14	15.72	26.09	28.42	34.52	2840	279	400	0.14	0.13	0.50	0.06	457	0.22	0.22	0.50	0.06
Q7EØ2ZC	500 MCM CU	175	26-#12	18.77	29.13	31.47	38.42	3914	330	471	0.11	0.12	0.34	0.06	501	0.19	0.18	0.34	0.06
Q7FØ2XC	750 MCM CU	175	25-#10	24.59	35.20	37.54	46.99	5903	381	550	0.08	0.11	0.24	0.05	557	0.15	0.14	0.24	0.05
Q7GØ2XC	1000 MCM CU	175	32-#10	28.37	38.99	42.19	51.64	7613	432	599	0.07	0.11	0.18	0.05	611	0.13	0.12	0.18	0.05

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PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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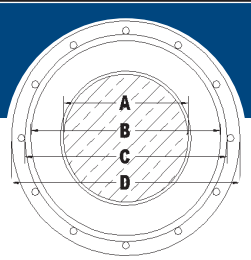

TRXLPE DOUBLESEAL® CSA

15kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
15kV 133% Aluminum Single Phase – Full Neutral																			
Q8LØ3ZC	2 SOLID AL	220	10-#14	6.55	19.10	20.98	27.08	782	229	123	2.17	0.10	2.17	0.10	169	2.17	0.10	2.17	0.10
Q8MØ3ZC	2 AWG AL	220	10-#14	6.81	19.25	21.13	27.23	790	229	124	2.20	0.10	2.20	0.10	170	2.20	0.10	2.20	0.10
Q8NØ3ZC	1 SOLID AL	220	13-#14	7.34	19.89	21.77	27.87	883	229	141	1.70	0.09	1.70	0.09	193	1.70	0.09	1.70	0.09
Q8OØ3ZC	1 AWG AL	220	13-#14	7.65	20.09	21.97	28.07	894	229	143	1.72	0.09	1.72	0.09	194	1.72	0.09	1.72	0.09
Q8PØ3ZC	1/0 SOLID AL	220	16-#14	8.26	20.80	22.68	28.78	994	254	160	1.36	0.09	1.36	0.09	219	1.36	0.09	1.36	0.09
Q8QØ3ZC	1/0 AWG AL	220	16-#14	8.59	21.03	22.91	29.01	1007	254	162	1.38	0.09	1.38	0.09	220	1.38	0.09	1.38	0.09
Q8RØ3ZC	2/0 AWG AL	220	13-#12	9.60	22.05	23.93	30.88	1197	254	186	1.08	0.08	1.08	0.08	251	1.08	0.08	1.08	0.08
Q8SØ3ZC	3/0 AWG AL	220	16-#12	10.82	23.27	25.15	32.10	1371	279	212	0.86	0.08	0.86	0.08	284	0.86	0.08	0.86	0.08
Q8TØ3ZC	4/0 AWG AL	220	20-#12	12.14	24.59	26.47	33.42	1538	279	241	0.69	0.07	0.69	0.07	323	0.69	0.07	0.69	0.07
Q8UØ3ZC	250 MCM AL	220	23-#12	13.28	25.98	27.86	34.81	1810	279	270	0.56	0.07	0.56	0.07	358	0.56	0.07	0.56	0.07
Q8VØ3ZC	350 MCM AL	220	33-#12	15.72	28.42	30.76	37.71	2357	305	321	0.42	0.07	0.42	0.07	422	0.42	0.07	0.42	0.07
15kV 133% Aluminum Three Phase – One-Third Neutral																			
Q8LØ2ZC	2 SOLID AL	220	6-#16	6.55	19.10	20.98	26.41	645	229	126	1.08	0.17	2.86	0.10	175	1.11	0.34	2.81	0.10
Q8MØ2ZC	2 AWG AL	220	6-#16	6.81	19.25	21.13	26.56	653	229	126	1.10	0.17	2.88	0.10	175	1.13	0.34	2.84	0.10
Q8NØ2ZC	1 SOLID AL	220	7-#16	7.34	19.89	21.77	27.19	703	229	143	0.86	0.16	2.64	0.09	199	0.89	0.33	2.59	0.09
Q8OØ2ZC	1 AWG AL	220	7-#16	7.65	20.09	21.97	27.40	714	229	144	0.87	0.16	2.66	0.09	199	0.90	0.32	2.62	0.09
Q8PØ2ZC	1/0 SOLID AL	220	9-#16	8.26	20.80	22.68	28.11	782	229	163	0.68	0.15	2.47	0.09	225	0.71	0.32	2.42	0.09
Q8QØ2ZC	1/0 AWG AL	220	9-#16	8.59	21.03	22.91	28.34	795	229	163	0.70	0.15	2.49	0.09	225	0.72	0.31	2.45	0.09
Q8RØ2ZC	2/0 AWG AL	220	11-#16	9.60	22.05	23.93	29.35	886	254	186	0.55	0.15	2.09	0.08	255	0.58	0.30	2.06	0.08
Q8SØ2ZC	3/0 AWG AL	220	14-#16	10.82	23.27	25.15	30.57	1005	254	212	0.44	0.14	1.63	0.08	286	0.48	0.29	1.61	0.08
Q8TØ2ZC	4/0 AWG AL	220	17-#16	12.14	24.59	26.47	31.89	1089	279	241	0.35	0.14	1.33	0.07	320	0.39	0.28	1.31	0.07
Q8UØ2ZC	250 MCM AL	220	21-#16	13.28	25.98	27.86	33.29	1298	279	265	0.30	0.13	1.12	0.07	345	0.35	0.27	1.11	0.07
Q8VØ2ZC	350 MCM AL	220	27-#16	15.72	28.42	30.76	36.18	1612	305	319	0.22	0.13	0.81	0.06	398	0.27	0.25	0.80	0.06
Q8WØ2ZC	500 MCM AL	220	25-#14	18.80	31.50	33.83	39.93	2113	330	385	0.16	0.12	0.57	0.06	451	0.22	0.22	0.57	0.06
Q8XØ2ZC	750 MCM AL	220	24-#12	23.11	36.07	38.40	46.78	3039	381	469	0.11	0.12	0.39	0.05	507	0.19	0.18	0.38	0.05
Q8YØ2ZC	1000 MCM AL	220	31-#12	26.92	39.88	43.08	51.45	3822	432	529	0.09	0.11	0.29	0.05	548	0.16	0.16	0.29	0.05

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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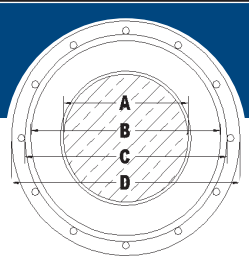

TRXLPE DOUBLESEAL® CSA

15kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
15kV 133% Copper Single Phase – Full Neutral																			
Q83Ø3ZC	2 SOLID CU	220	16-#14	6.55	19.10	20.98	27.08	1096	229	157	1.34	0.10	1.34	0.10	215	1.34	0.10	1.34	0.10
Q84Ø3ZC	2 AWG CU	220	16-#14	6.81	19.25	21.13	27.23	1105	229	158	1.35	0.10	1.35	0.10	217	1.35	0.10	1.35	0.10
Q85Ø3ZC	1 SOLID CU	220	13-#12	7.34	19.89	21.77	28.72	1314	254	181	1.04	0.10	1.04	0.10	245	1.04	0.10	1.04	0.10
Q86Ø3ZC	1 AWG CU	220	13-#12	7.59	20.04	21.92	28.87	1329	254	182	1.06	0.09	1.06	0.09	246	1.06	0.09	1.06	0.09
Q87Ø3ZC	1/0 SOLID CU	220	16-#12	8.26	20.80	22.68	29.63	1528	254	205	0.84	0.09	0.84	0.09	277	0.84	0.09	0.84	0.09
Q88Ø3ZC	1/0 AWG CU	220	16-#12	8.59	21.03	22.91	29.86	1545	254	207	0.85	0.09	0.85	0.09	279	0.85	0.09	0.85	0.09
Q89Ø3ZC	2/0 AWG CU	220	20-#12	9.60	22.05	23.93	30.88	1816	254	237	0.67	0.08	0.67	0.08	317	0.67	0.08	0.67	0.08
Q8AØ3ZC	3/0 AWG CU	220	26-#12	10.82	23.27	25.15	32.10	2183	279	270	0.53	0.08	0.53	0.08	359	0.53	0.08	0.53	0.08
Q8BØ3ZC	4/0 AWG CU	220	32-#12	12.14	24.59	26.47	33.42	2595	279	307	0.43	0.08	0.43	0.08	407	0.43	0.08	0.43	0.08
15kV 133% Copper Three Phase – One-Third Neutral																			
Q83Ø2ZC	2 SOLID CU	220	9-#16	6.55	19.10	20.98	26.41	886	229	162	0.66	0.17	2.44	0.10	223	0.69	0.34	2.39	0.10
Q84Ø2ZC	2 AWG CU	220	9-#16	6.81	19.25	21.13	26.56	895	229	162	0.67	0.17	2.45	0.10	224	0.70	0.34	2.41	0.10
Q85Ø2ZC	1 SOLID CU	220	11-#16	7.34	19.89	21.77	27.19	1007	229	184	0.52	0.16	2.05	0.09	252	0.56	0.33	2.01	0.09
Q86Ø2ZC	1 AWG CU	220	11-#16	7.59	20.04	21.92	27.35	1021	229	184	0.53	0.16	2.06	0.09	252	0.57	0.32	2.03	0.09
Q87Ø2ZC	1/0 SOLID CU	220	14-#16	8.26	20.80	22.68	28.11	1168	229	209	0.41	0.15	1.60	0.09	283	0.46	0.32	1.58	0.09
Q88Ø2ZC	1/0 AWG CU	220	14-#16	8.59	21.03	22.91	28.34	1184	229	210	0.42	0.15	1.61	0.09	284	0.46	0.31	1.59	0.09
Q89Ø2ZC	2/0 AWG CU	220	17-#16	9.60	22.05	23.93	29.35	1373	254	238	0.34	0.15	1.31	0.08	317	0.39	0.30	1.29	0.08
Q8AØ2ZC	3/0 AWG CU	220	21-#16	10.82	23.27	25.15	30.57	1612	254	271	0.27	0.14	1.04	0.08	351	0.33	0.28	1.02	0.08
Q8BØ2ZC	4/0 AWG CU	220	27-#16	12.14	24.59	26.47	31.89	1918	279	307	0.22	0.13	0.81	0.07	385	0.28	0.26	0.80	0.07
Q8CØ2ZC	250 MCM CU	220	21-#14	13.28	25.98	27.86	33.96	2269	279	336	0.19	0.13	0.70	0.07	409	0.26	0.25	0.69	0.07
Q8DØ2ZC	350 MCM CU	220	28-#14	15.72	28.42	30.76	36.86	2963	305	400	0.14	0.13	0.50	0.06	457	0.22	0.22	0.50	0.06
Q8EØ2ZC	500 MCM CU	220	26-#12	18.77	31.47	33.81	40.76	4051	330	471	0.11	0.12	0.34	0.06	501	0.19	0.18	0.34	0.06
Q8FØ2XC	750 MCM CU	220	25-#10	24.59	37.54	39.88	49.33	6069	406	550	0.08	0.11	0.24	0.05	557	0.15	0.14	0.24	0.05
Q8GØ2XC	1000 MCM CU	220	32-#10	28.37	41.33	44.53	53.98	7795	432	599	0.07	0.11	0.18	0.05	611	0.13	0.12	0.18	0.05

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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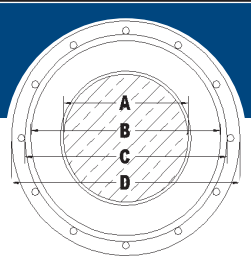

TRXLPE DOUBLESEAL® CSA

25kV 100%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
25kV 100% Aluminum Single Phase – Full Neutral																			
Q9NØ3ZC	1 SOLID AL	260	13-#14	7.34	21.97	23.85	29.95	972	254	145	1.70	0.11	1.70	0.11	192	1.70	0.11	1.70	0.11
Q9OØ3ZC	1 AWG AL	260	13-#14	7.65	22.17	24.05	30.15	983	254	146	1.72	0.10	1.72	0.11	194	1.72	0.10	1.72	0.11
Q9PØ3ZC	1/0 SOLID AL	260	16-#14	8.26	22.89	24.77	30.87	1085	254	165	1.36	0.10	1.36	0.10	218	1.36	0.10	1.36	0.10
Q9QØ3ZC	1/0 AWG AL	260	16-#14	8.59	23.11	24.99	31.09	1099	254	166	1.38	0.10	1.38	0.10	219	1.38	0.10	1.38	0.10
Q9RØ3ZC	2/0 AWG AL	260	13-#12	9.60	24.13	26.01	32.96	1295	279	190	1.08	0.09	1.08	0.10	250	1.08	0.09	1.08	0.10
Q9SØ3ZC	3/0 AWG AL	260	16-#12	10.82	25.35	27.23	34.18	1472	279	217	0.86	0.09	0.86	0.09	283	0.86	0.09	0.86	0.09
Q9TØ3ZC	4/0 AWG AL	260	20-#12	12.14	26.67	29.01	35.96	1672	305	247	0.69	0.09	0.69	0.09	322	0.69	0.09	0.69	0.09
Q9UØ3ZC	250 MCM AL	260	23-#12	13.28	28.07	30.40	37.35	1949	305	276	0.56	0.08	0.56	0.08	356	0.56	0.08	0.56	0.08
Q9VØ3ZC	350 MCM AL	260	33-#12	15.72	30.51	32.84	39.79	2477	330	326	0.42	0.08	0.42	0.08	418	0.42	0.08	0.42	0.08
25kV 100% Aluminum Three Phase – One-Third Neutral																			
Q9NØ2ZC	1 SOLID AL	260	7-#16	7.34	21.97	23.85	29.28	790	254	146	0.86	0.17	2.63	0.11	196	0.88	0.33	2.58	0.11
Q9OØ2ZC	1 AWG AL	260	7-#16	7.65	22.17	24.05	29.48	801	254	146	0.87	0.17	2.65	0.11	196	0.90	0.32	2.60	0.11
Q9PØ2ZC	1/0 SOLID AL	260	9-#16	8.26	22.89	24.77	30.19	872	254	166	0.68	0.17	2.46	0.10	222	0.71	0.32	2.41	0.10
Q9QØ2ZC	1/0 AWG AL	260	9-#16	8.59	23.11	24.99	30.42	885	254	166	0.70	0.16	2.47	0.10	222	0.72	0.32	2.43	0.10
Q9RØ2ZC	2/0 AWG AL	260	11-#16	9.60	24.13	26.01	31.44	979	254	189	0.55	0.16	2.08	0.09	251	0.58	0.31	2.04	0.09
Q9SØ2ZC	3/0 AWG AL	260	14-#16	10.82	25.35	27.23	32.65	1101	279	216	0.44	0.15	1.62	0.09	283	0.47	0.29	1.60	0.09
Q9TØ2ZC	4/0 AWG AL	260	17-#16	12.14	26.67	29.01	34.43	1217	279	245	0.35	0.15	1.32	0.08	317	0.39	0.28	1.30	0.08
Q9UØ2ZC	250 MCM AL	260	21-#16	13.28	28.07	30.40	35.83	1431	305	269	0.30	0.14	1.12	0.08	343	0.34	0.27	1.10	0.08
Q9VØ2ZC	350 MCM AL	260	27-#16	15.72	30.51	32.84	38.27	1726	330	322	0.22	0.13	0.81	0.07	397	0.27	0.25	0.80	0.07
Q9WØ2ZC	500 MCM AL	260	25-#14	18.80	33.58	35.92	43.44	2327	356	389	0.16	0.13	0.57	0.07	451	0.22	0.22	0.57	0.07
Q9XØ2ZC	750 MCM AL	260	24-#12	23.11	38.15	40.49	48.86	3185	406	473	0.11	0.12	0.38	0.06	512	0.18	0.19	0.38	0.06
Q9YØ2ZC	1000 MCM AL	260	31-#12	26.92	41.96	45.16	53.53	3983	432	533	0.09	0.12	0.29	0.06	554	0.16	0.16	0.29	0.06

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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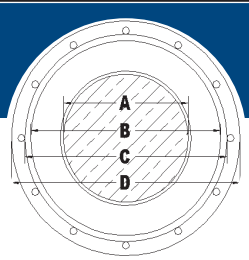

TRXLPE DOUBLESEAL® CSA

25kV 100%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
25kV 100% Copper Single Phase – Full Neutral																			
Q95Ø3ZC	1 SOLID CU	260	13-#12	7.34	21.97	23.85	30.80	1405	254	186	1.04	0.11	1.04	0.11	245	1.04	0.11	1.04	0.11
Q96Ø3ZC	1 AWG CU	260	13-#12	7.59	22.12	24.00	30.95	1421	254	187	1.06	0.11	1.06	0.11	246	1.06	0.11	1.06	0.11
Q97Ø3ZC	1/0 SOLID CU	260	16-#12	8.26	22.89	24.77	31.71	1623	254	210	0.84	0.10	0.84	0.10	277	0.84	0.10	0.84	0.10
Q98Ø3ZC	1/0 AWG CU	260	16-#12	8.59	23.11	24.99	31.94	1640	279	212	0.85	0.10	0.85	0.10	279	0.85	0.10	0.85	0.10
Q99Ø3ZC	2/0 AWG CU	260	20-#12	9.60	24.13	26.01	32.96	1914	279	243	0.67	0.10	0.67	0.10	317	0.67	0.10	0.67	0.10
Q9AØ3ZC	3/0 AWG CU	260	26-#12	10.82	25.35	27.23	34.18	2285	279	276	0.53	0.09	0.53	0.09	359	0.53	0.09	0.53	0.09
Q9BØ3ZC	4/0 AWG CU	260	32-#12	12.14	26.67	29.01	35.96	2729	305	314	0.43	0.09	0.43	0.09	406	0.43	0.09	0.43	0.09
25kV 100% Copper Three Phase – One-Third Neutral																			
Q95Ø2ZC	1 SOLID CU	260	11-#16	7.34	21.97	23.85	29.28	1094	254	187	0.52	0.17	2.04	0.11	249	0.55	0.33	2.00	0.11
Q96Ø2ZC	1 AWG CU	260	11-#16	7.59	22.12	24.00	29.43	1108	254	187	0.53	0.17	2.05	0.11	249	0.56	0.32	2.01	0.11
Q97Ø2ZC	1/0 SOLID CU	260	14-#16	8.26	22.89	24.77	30.19	1257	254	213	0.41	0.17	1.60	0.10	280	0.45	0.32	1.57	0.10
Q98Ø2ZC	1/0 AWG CU	260	14-#16	8.59	23.11	24.99	30.42	1274	254	213	0.42	0.16	1.61	0.10	281	0.46	0.31	1.58	0.10
Q99Ø2ZC	2/0 AWG CU	260	17-#16	9.60	24.13	26.01	31.44	1466	254	242	0.34	0.16	1.31	0.09	314	0.38	0.30	1.29	0.09
Q9AØ2ZC	3/0 AWG CU	260	21-#16	10.82	25.35	27.23	32.65	1709	279	275	0.27	0.15	1.03	0.09	349	0.32	0.28	1.02	0.09
Q9BØ2ZC	4/0 AWG CU	260	27-#16	12.14	26.67	29.01	34.43	2046	279	311	0.22	0.15	0.81	0.08	384	0.28	0.27	0.80	0.08
Q9CØ2ZC	250 MCM CU	260	21-#14	13.28	28.07	30.40	36.50	2405	305	341	0.19	0.14	0.69	0.08	410	0.25	0.26	0.69	0.08
Q9DØ2ZC	350 MCM CU	260	28-#14	15.72	30.51	32.84	38.94	3080	330	405	0.14	0.13	0.50	0.07	460	0.21	0.23	0.50	0.07
Q9EØ2ZC	500 MCM CU	260	26-#12	18.77	33.55	35.89	44.26	4269	356	475	0.11	0.13	0.34	0.07	504	0.18	0.19	0.34	0.07
Q9FØ2XC	750 MCM CU	260	25-#10	24.59	39.62	42.82	52.27	6301	432	557	0.08	0.12	0.24	0.06	566	0.15	0.15	0.24	0.06
Q9GØ2XC	1000 MCM CU	260	32-#10	28.37	43.41	46.61	56.06	7964	457	606	0.07	0.11	0.18	0.06	618	0.13	0.12	0.18	0.06

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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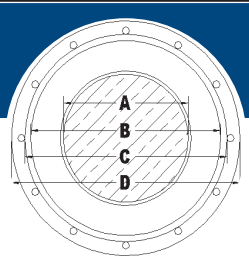

TRXLPE DOUBLESEAL® CSA

25kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
25kV 133% Aluminum Single Phase – Full Neutral																			
QANØ3ZC	1 SOLID AL	320	13-#14	7.34	25.12	27.00	33.10	1118	279	145	1.70	0.11	1.70	0.11	192	1.70	0.11	1.70	0.11
QAOØ3ZC	1 AWG AL	320	13-#14	7.65	25.32	27.20	33.30	1130	279	146	1.72	0.10	1.72	0.11	194	1.72	0.10	1.72	0.11
QAPØ3ZC	1/0 SOLID AL	320	16-#14	8.26	26.04	27.91	34.02	1235	279	165	1.36	0.10	1.36	0.10	218	1.36	0.10	1.36	0.10
QAQØ3ZC	1/0 AWG AL	320	16-#14	8.59	26.26	28.60	34.70	1278	279	166	1.38	0.10	1.38	0.10	219	1.38	0.10	1.38	0.10
QARØ3ZC	2/0 AWG AL	320	13-#12	9.60	27.28	29.62	36.57	1484	305	190	1.08	0.09	1.08	0.10	250	1.08	0.09	1.08	0.10
QASØ3ZC	3/0 AWG AL	320	16-#12	10.82	28.50	30.84	37.79	1668	305	217	0.86	0.09	0.86	0.09	283	0.86	0.09	0.86	0.09
QATØ3ZC	4/0 AWG AL	320	20-#12	12.14	29.82	32.16	39.11	1846	330	247	0.69	0.09	0.69	0.09	322	0.69	0.09	0.69	0.09
QAUØ3ZC	250 MCM AL	320	23-#12	13.28	31.22	33.55	40.50	2130	330	276	0.56	0.08	0.56	0.08	356	0.56	0.08	0.56	0.08
QAVØ3ZC	350 MCM AL	320	33-#12	15.72	33.66	35.99	44.36	2759	356	326	0.42	0.08	0.42	0.08	418	0.42	0.08	0.42	0.08
25kV 133% Aluminum Three Phase – One-Third Neutral																			
QANØ2ZC	1 SOLID AL	320	7-#16	7.34	25.12	27.00	32.43	933	279	146	0.86	0.17	2.63	0.11	196	0.88	0.33	2.58	0.11
QAOØ2ZC	1 AWG AL	320	7-#16	7.65	25.32	27.20	32.63	945	279	146	0.87	0.17	2.65	0.11	196	0.90	0.32	2.60	0.11
QAPØ2ZC	1/0 SOLID AL	320	9-#16	8.26	26.04	27.91	33.34	1019	279	166	0.68	0.17	2.46	0.10	222	0.71	0.32	2.41	0.10
QAQØ2ZC	1/0 AWG AL	320	9-#16	8.59	26.26	28.60	34.03	1060	279	166	0.70	0.16	2.47	0.10	222	0.72	0.32	2.43	0.10
QARØ2ZC	2/0 AWG AL	320	11-#16	9.60	27.28	29.62	35.04	1159	305	189	0.55	0.16	2.08	0.09	251	0.58	0.31	2.04	0.09
QASØ2ZC	3/0 AWG AL	320	14-#16	10.82	28.50	30.84	36.26	1289	305	216	0.44	0.15	1.62	0.09	283	0.47	0.29	1.60	0.09
QATØ2ZC	4/0 AWG AL	320	17-#16	12.14	29.82	32.16	37.58	1384	305	245	0.35	0.15	1.32	0.08	317	0.39	0.28	1.30	0.08
QAUØ2ZC	250 MCM AL	320	21-#16	13.28	31.22	33.55	38.98	1605	330	269	0.30	0.14	1.12	0.08	343	0.34	0.27	1.10	0.08
QAVØ2ZC	350 MCM AL	320	27-#16	15.72	33.66	35.99	41.42	1911	356	322	0.22	0.13	0.81	0.07	397	0.27	0.25	0.80	0.07
QAWØ2ZC	500 MCM AL	320	25-#14	18.80	36.73	39.07	46.59	2536	381	389	0.16	0.13	0.57	0.07	451	0.22	0.22	0.57	0.07
QAXØ2ZC	750 MCM AL	320	24-#12	23.11	41.30	44.50	52.87	3497	432	473	0.11	0.12	0.38	0.06	512	0.18	0.19	0.38	0.06
QAYØ2ZC	1000 MCM AL	320	31-#12	26.92	45.11	48.31	56.68	4238	457	533	0.09	0.12	0.29	0.06	554	0.16	0.16	0.29	0.06

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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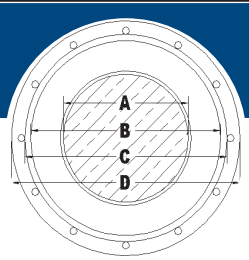

TRXLPE DOUBLESEAL® CSA

25kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
25kV 133% Copper Single Phase – Full Neutral																			
QA5Ø3ZC	1 SOLID CU	320	13-#12	7.34	25.12	27.00	33.95	1556	279	186	1.04	0.11	1.04	0.11	245	1.04	0.11	1.04	0.11
QA6Ø3ZC	1 AWG CU	320	13-#12	7.59	25.27	27.15	34.10	1571	279	187	1.06	0.11	1.06	0.11	246	1.06	0.11	1.06	0.11
QA7Ø3ZC	1/0 SOLID CU	320	16-#12	8.26	26.04	27.91	34.86	1777	279	210	0.84	0.10	0.84	0.10	277	0.84	0.10	0.84	0.10
QA8Ø3ZC	1/0 AWG CU	320	16-#12	8.59	26.26	28.60	35.55	1824	305	212	0.85	0.10	0.85	0.10	279	0.85	0.10	0.85	0.10
QA9Ø3ZC	2/0 AWG CU	320	20-#12	9.60	27.28	29.62	36.57	2103	305	243	0.67	0.10	0.67	0.10	317	0.67	0.10	0.67	0.10
QAAØ3ZC	3/0 AWG CU	320	26-#12	10.82	28.50	30.84	37.79	2481	305	276	0.53	0.09	0.53	0.09	359	0.53	0.09	0.53	0.09
QABØ3ZC	4/0 AWG CU	320	32-#12	12.14	29.82	32.16	39.11	2904	330	314	0.43	0.09	0.43	0.09	406	0.43	0.09	0.43	0.09
25kV 133% Copper Three Phase – One-Third Neutral																			
QA5Ø2ZC	1 SOLID CU	320	11-#16	7.34	25.12	27.00	32.43	1237	279	187	0.52	0.17	2.04	0.11	249	0.55	0.33	2.00	0.11
QA6Ø2ZC	1 AWG CU	320	11-#16	7.59	25.27	27.15	32.58	1252	279	187	0.53	0.17	2.05	0.11	249	0.56	0.32	2.01	0.11
QA7Ø2ZC	1/0 SOLID CU	320	14-#16	8.26	26.04	27.91	33.34	1404	279	213	0.41	0.17	1.60	0.10	280	0.45	0.32	1.57	0.10
QA8Ø2ZC	1/0 AWG CU	320	14-#16	8.59	26.26	28.60	34.03	1449	279	213	0.42	0.16	1.61	0.10	281	0.46	0.31	1.58	0.10
QA9Ø2ZC	2/0 AWG CU	320	17-#16	9.60	27.28	29.62	35.04	1646	305	242	0.34	0.16	1.31	0.09	314	0.38	0.30	1.29	0.09
QAAØ2ZC	3/0 AWG CU	320	21-#16	10.82	28.50	30.84	36.26	1896	305	275	0.27	0.15	1.03	0.09	349	0.32	0.28	1.02	0.09
QABØ2ZC	4/0 AWG CU	320	27-#16	12.14	29.82	32.16	37.58	2213	305	311	0.22	0.15	0.81	0.08	384	0.28	0.27	0.80	0.08
QACØ2ZC	250 MCM CU	320	21-#14	13.28	31.22	33.55	39.65	2582	330	341	0.19	0.14	0.69	0.08	410	0.25	0.26	0.69	0.08
QADØ2ZC	350 MCM CU	320	28-#14	15.72	33.66	35.99	43.52	3356	356	405	0.14	0.13	0.50	0.07	460	0.21	0.23	0.50	0.07
QAEØ2ZC	500 MCM CU	320	26-#12	18.77	36.70	39.04	47.41	4481	381	475	0.11	0.13	0.34	0.07	504	0.18	0.19	0.34	0.07
QAFØ2XC	750 MCM CU	320	25-#10	24.59	42.77	45.97	55.42	6551	457	557	0.08	0.12	0.24	0.06	566	0.15	0.15	0.24	0.06
QAGØ2XC	1000 MCM CU	320	32-#10	28.37	46.56	49.76	59.21	8231	483	606	0.07	0.11	0.18	0.06	618	0.13	0.12	0.18	0.06

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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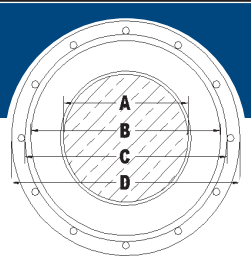

TRXLPE DOUBLESEAL® CSA

28kV 100%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
28kV 100% Aluminum Single Phase – Full Neutral																			
QVNØ3ZC	1 SOLID AL	280	13-#14	7.34	23.04	24.92	31.02	1019	254	146	1.70	0.11	1.70	0.11	192	1.70	0.11	1.70	0.11
QVOØ3ZC	1 AWG AL	280	13-#14	7.65	23.24	25.12	31.22	1031	254	146	1.72	0.11	1.72	0.11	192	1.72	0.11	1.72	0.11
QVPØ3ZC	1/0 SOLID AL	280	16-#14	8.26	23.95	25.83	31.93	1134	279	165	1.36	0.10	1.36	0.11	218	1.36	0.10	1.36	0.11
QVQØ3ZC	1/0 AWG AL	280	16-#14	8.59	24.18	26.06	32.16	1149	279	165	1.38	0.10	1.38	0.11	217	1.38	0.10	1.38	0.11
QVRØ3ZC	2/0 AWG AL	280	13-#12	9.60	25.20	27.08	34.03	1348	279	189	1.08	0.10	1.08	0.10	247	1.08	0.10	1.08	0.10
QVSØ3ZC	3/0 AWG AL	280	16-#12	10.82	26.42	28.75	35.70	1555	305	216	0.86	0.10	0.86	0.10	281	0.86	0.10	0.86	0.10
QVTØ3ZC	4/0 AWG AL	280	20-#12	12.14	27.74	30.07	37.02	1729	305	245	0.69	0.09	0.69	0.09	319	0.69	0.09	0.69	0.09
QVUØ3ZC	250 MCM AL	280	23-#12	13.28	29.13	31.47	38.42	2009	330	268	0.59	0.09	0.59	0.09	348	0.59	0.09	0.59	0.09
QVVØ3ZC	350 MCM AL	280	33-#12	15.72	31.57	33.91	40.86	2540	330	327	0.42	0.08	0.42	0.08	423	0.42	0.08	0.42	0.08
28kV 100% Aluminum Three Phase – One-Third Neutral																			
QVNØ2ZC	1 SOLID AL	280	7-#16	7.34	23.04	24.92	30.34	837	254	146	0.86	0.17	3.25	0.11	196	0.88	0.33	3.18	0.11
QVOØ2ZC	1 AWG AL	280	7-#16	7.65	23.24	25.12	30.55	848	254	145	0.87	0.17	3.27	0.11	195	0.89	0.33	3.20	0.11
QVPØ2ZC	1/0 SOLID AL	280	9-#16	8.26	23.95	25.83	31.26	920	254	166	0.68	0.17	2.54	0.11	222	0.70	0.32	2.49	0.11
QVQØ2ZC	1/0 AWG AL	280	9-#16	8.59	24.18	26.06	31.49	934	254	165	0.70	0.17	2.56	0.11	220	0.72	0.32	2.51	0.11
QVRØ2ZC	2/0 AWG AL	280	11-#16	9.60	25.20	27.08	32.50	1029	279	188	0.55	0.16	2.08	0.10	249	0.58	0.31	2.04	0.10
QVSØ2ZC	3/0 AWG AL	280	14-#16	10.82	26.42	28.75	34.18	1181	279	214	0.44	0.16	1.64	0.10	281	0.47	0.30	1.61	0.10
QVTØ2ZC	4/0 AWG AL	280	17-#16	12.14	27.74	30.07	35.50	1272	305	243	0.35	0.15	1.34	0.09	314	0.39	0.29	1.32	0.09
QVUØ2ZC	250 MCM AL	280	21-#16	13.28	29.13	31.47	36.90	1488	305	266	0.30	0.15	1.10	0.09	340	0.34	0.28	1.08	0.09
QVVØ2ZC	350 MCM AL	280	27-#16	15.72	31.57	33.91	39.33	1787	330	320	0.21	0.14	0.84	0.08	395	0.27	0.26	0.83	0.08
QVWØ2ZC	500 MCM AL	280	25-#14	18.80	34.65	36.98	44.51	2396	381	386	0.16	0.13	0.58	0.07	449	0.22	0.23	0.57	0.07
QVXØ2ZC	750 MCM AL	280	24-#12	23.11	39.22	42.42	50.79	3338	406	470	0.11	0.13	0.38	0.07	509	0.18	0.19	0.38	0.07
QVYØ2ZC	1000 MCM AL	280	31-#12	26.92	43.03	46.23	54.60	4068	457	531	0.09	0.12	0.29	0.06	552	0.16	0.17	0.29	0.06

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PRODUCT NOTES:

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The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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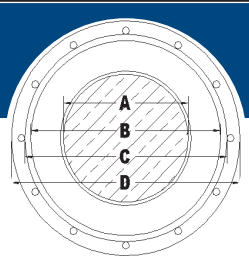

TRXLPE DOUBLESEAL® CSA

28kV 100%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
28kV 100% Copper Single Phase – Full Neutral																			
QV5Ø3ZC	1 SOLID CU	280	13-#12	7.34	23.04	24.92	31.87	1455	279	187	1.04	0.11	1.04	0.11	244	1.04	0.11	1.04	0.11
QV6Ø3ZC	1 AWG CU	280	13-#12	7.59	23.19	25.07	32.02	1470	279	186	1.06	0.11	1.06	0.11	244	1.06	0.11	1.06	0.11
QV7Ø3ZC	1/0 SOLID CU	280	16-#12	8.26	23.95	25.83	32.78	1673	279	211	0.84	0.11	0.84	0.11	277	0.84	0.11	0.84	0.11
QV8Ø3ZC	1/0 AWG CU	280	16-#12	8.59	24.18	26.06	33.01	1691	279	211	0.85	0.11	0.85	0.11	276	0.85	0.11	0.85	0.11
QV9Ø3ZC	2/0 AWG CU	280	20-#12	9.60	25.20	27.08	34.03	1966	279	240	0.68	0.10	0.68	0.10	314	0.68	0.10	0.68	0.10
QVAØ3ZC	3/0 AWG CU	280	26-#12	10.82	26.42	28.75	35.70	2368	305	276	0.53	0.10	0.53	0.10	359	0.53	0.10	0.53	0.10
QVBØ3ZC	4/0 AWG CU	280	32-#12	12.14	27.74	30.07	37.02	2787	305	312	0.42	0.09	0.42	0.09	407	0.42	0.09	0.42	0.09
28kV 100% Copper Three Phase – One-Third Neutral																			
QV5Ø2ZC	1 SOLID CU	280	11-#16	7.34	23.04	24.92	30.34	1140	254	188	0.52	0.17	2.04	0.11	249	0.55	0.33	2.00	0.11
QV6Ø2ZC	1 AWG CU	280	11-#16	7.59	23.19	25.07	30.50	1155	254	186	0.53	0.17	2.06	0.11	247	0.56	0.33	2.01	0.11
QV7Ø2ZC	1/0 SOLID CU	280	14-#16	8.26	23.95	25.83	31.26	1305	254	213	0.41	0.17	1.61	0.11	280	0.45	0.32	1.58	0.11
QV8Ø2ZC	1/0 AWG CU	280	14-#16	8.59	24.18	26.06	31.49	1323	254	212	0.42	0.17	1.62	0.11	278	0.46	0.32	1.59	0.11
QV9Ø2ZC	2/0 AWG CU	280	17-#16	9.60	25.20	27.08	32.50	1516	279	240	0.34	0.16	1.32	0.10	312	0.38	0.30	1.30	0.10
QVAØ2ZC	3/0 AWG CU	280	21-#16	10.82	26.42	28.75	34.18	1788	279	273	0.27	0.16	1.07	0.10	347	0.32	0.29	1.05	0.10
QVBØ2ZC	4/0 AWG CU	280	27-#16	12.14	27.74	30.07	35.50	2101	305	309	0.22	0.15	0.84	0.09	382	0.27	0.28	0.83	0.09
QVCØ2ZC	250 MCM CU	280	21-#14	13.28	29.13	31.47	37.57	2463	305	338	0.19	0.15	0.69	0.09	407	0.25	0.26	0.68	0.09
QVDØ2ZC	350 MCM CU	280	28-#14	15.72	31.57	33.91	40.01	3142	330	402	0.14	0.14	0.51	0.08	458	0.21	0.23	0.51	0.08
QVEØ2ZC	500 MCM CU	280	26-#12	18.77	34.62	36.96	45.33	4339	381	473	0.11	0.13	0.35	0.07	502	0.18	0.19	0.35	0.07
QVFØ2XC	750 MCM CU	280	25-#10	24.59	40.69	43.89	53.34	6384	432	557	0.08	0.12	0.23	0.07	568	0.15	0.15	0.23	0.07
QVGØ2XC	1000 MCM CU	280	32-#10	28.37	44.48	47.68	57.12	8052	457	609	0.07	0.11	0.18	0.06	620	0.13	0.12	0.18	0.06

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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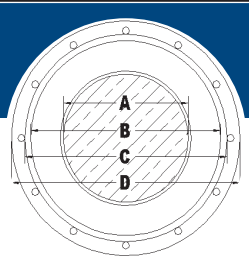

TRXLPE DOUBLESEAL® CSA

28kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
28kV 133% Aluminum Single Phase – Full Neutral																			
QBPØ3ZC	1/0 SOLID AL	345	16-#14	8.26	27.41	29.74	35.84	1334	305	165	1.36	0.10	1.36	0.11	218	1.36	0.10	1.36	0.11
QBQØ3ZC	1/0 AWG AL	345	16-#14	8.59	27.64	29.97	36.07	1349	305	165	1.38	0.10	1.38	0.11	217	1.38	0.10	1.38	0.11
QBRØ3ZC	2/0 AWG AL	345	13-#12	9.60	28.65	30.99	37.94	1560	305	189	1.08	0.10	1.08	0.10	247	1.08	0.10	1.08	0.10
QBSØ3ZC	3/0 AWG AL	345	16-#12	10.82	29.87	32.21	39.16	1746	330	216	0.86	0.10	0.86	0.10	281	0.86	0.10	0.86	0.10
QBTØ3ZC	4/0 AWG AL	345	20-#12	12.14	31.19	33.53	40.48	1926	330	245	0.69	0.09	0.69	0.09	319	0.69	0.09	0.69	0.09
QBUØ3ZC	250 MCM AL	345	23-#12	13.28	32.59	34.93	41.87	2213	356	268	0.59	0.09	0.59	0.09	348	0.59	0.09	0.59	0.09
QBVØ3ZC	350 MCM AL	345	33-#12	15.72	35.03	37.36	45.74	2850	381	327	0.42	0.08	0.42	0.08	423	0.42	0.08	0.42	0.08
28kV 133% Aluminum Three Phase – One-Third Neutral																			
QBPØ2ZC	1/0 SOLID AL	345	9-#16	8.26	27.41	29.74	35.17	1115	305	166	0.68	0.17	2.54	0.11	222	0.70	0.32	2.49	0.11
QBQØ2ZC	1/0 AWG AL	345	9-#16	8.59	27.64	29.97	35.40	1130	305	165	0.70	0.17	2.56	0.11	220	0.72	0.32	2.51	0.11
QBRØ2ZC	2/0 AWG AL	345	11-#16	9.60	28.65	30.99	36.41	1231	305	188	0.55	0.16	2.08	0.10	249	0.58	0.31	2.04	0.10
QBSØ2ZC	3/0 AWG AL	345	14-#16	10.82	29.87	32.21	37.63	1363	305	214	0.44	0.16	1.64	0.10	281	0.47	0.30	1.61	0.10
QBTØ2ZC	4/0 AWG AL	345	17-#16	12.14	31.19	33.53	38.95	1461	330	243	0.35	0.15	1.34	0.09	314	0.39	0.29	1.32	0.09
QBUØ2ZC	250 MCM AL	345	21-#16	13.28	32.59	34.93	40.35	1685	330	266	0.30	0.15	1.10	0.09	340	0.34	0.28	1.08	0.09
QBVØ2ZC	350 MCM AL	345	27-#16	15.72	35.03	37.36	44.21	2086	356	320	0.21	0.14	0.84	0.08	395	0.27	0.26	0.83	0.08
QBWØ2ZC	500 MCM AL	345	25-#14	18.80	38.10	40.44	47.96	2631	406	386	0.16	0.13	0.58	0.07	449	0.22	0.23	0.57	0.07
QBXØ2ZC	750 MCM AL	345	24-#12	23.11	42.67	45.87	54.24	3605	457	470	0.11	0.13	0.38	0.07	509	0.18	0.19	0.38	0.07
QBYØ2ZC	1000 MCM AL	345	31-#12	26.92	46.48	49.68	58.05	4354	483	531	0.09	0.12	0.29	0.06	552	0.16	0.17	0.29	0.06

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Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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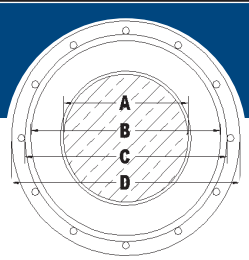

TRXLPE DOUBLESEAL® CSA

28kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
28kV 133% Copper Single Phase – Full Neutral																			
QB7Ø3ZC	1/0 SOLID CU	345	16-#12	8.26	27.41	29.74	36.69	1878	305	211	0.84	0.11	0.84	0.11	277	0.84	0.11	0.84	0.11
QB8Ø3ZC	1/0 AWG CU	345	16-#12	8.59	27.64	29.97	36.92	1897	305	211	0.85	0.11	0.85	0.11	276	0.85	0.11	0.85	0.11
QB9Ø3ZC	2/0 AWG CU	345	20-#12	9.60	28.65	30.99	37.94	2178	305	240	0.68	0.10	0.68	0.10	314	0.68	0.10	0.68	0.10
QBAØ3ZC	3/0 AWG CU	345	26-#12	10.82	29.87	32.21	39.16	2558	330	276	0.53	0.10	0.53	0.10	359	0.53	0.10	0.53	0.10
QBBØ3ZC	4/0 AWG CU	345	32-#12	12.14	31.19	33.53	40.48	2984	330	312	0.42	0.09	0.42	0.09	407	0.42	0.09	0.42	0.09
28kV 133% Copper Three Phase – One-Third Neutral																			
QB7Ø2ZC	1/0 SOLID CU	345	14-#16	8.26	27.41	29.74	35.17	1501	305	213	0.41	0.17	1.61	0.11	280	0.45	0.32	1.58	0.11
QB8Ø2ZC	1/0 AWG CU	345	14-#16	8.59	27.64	29.97	35.40	1519	305	212	0.42	0.17	1.62	0.11	278	0.46	0.32	1.59	0.11
QB9Ø2ZC	2/0 AWG CU	345	17-#16	9.60	28.65	30.99	36.41	1718	305	240	0.34	0.16	1.32	0.10	312	0.38	0.30	1.30	0.10
QBAØ2ZC	3/0 AWG CU	345	21-#16	10.82	29.87	32.21	37.63	1971	305	273	0.27	0.16	1.07	0.10	347	0.32	0.29	1.05	0.10
QBBØ2ZC	4/0 AWG CU	345	27-#16	12.14	31.19	33.53	38.95	2290	330	309	0.22	0.15	0.84	0.09	382	0.27	0.28	0.83	0.09
QBCØ2ZC	250 MCM CU	345	21-#14	13.28	32.59	34.93	41.03	2663	330	338	0.19	0.15	0.69	0.09	407	0.25	0.26	0.68	0.09
QBDØ2ZC	350 MCM CU	345	28-#14	15.72	35.03	37.36	44.89	3445	381	402	0.14	0.14	0.51	0.08	458	0.21	0.23	0.51	0.08
QBEØ2ZC	500 MCM CU	345	26-#12	18.77	38.07	40.41	48.78	4578	406	473	0.11	0.13	0.35	0.07	502	0.18	0.19	0.35	0.07
QBFØ2XC	750 MCM CU	345	25-#10	24.59	44.15	47.35	56.79	6664	457	557	0.08	0.12	0.23	0.07	568	0.15	0.15	0.23	0.07
QBGØ2XC	1000 MCM CU	345	32-#10	28.37	47.93	51.13	60.58	8352	508	609	0.07	0.11	0.18	0.06	620	0.13	0.12	0.18	0.06

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PRODUCT NOTES:

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The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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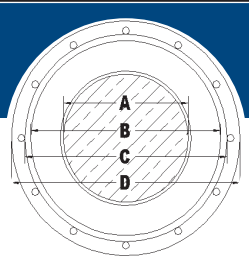

TRXLPE DOUBLESEAL® CSA

35kV 100%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
35kV 100% Aluminum Single Phase – Full Neutral																			
QBPØ3ZC	1/0 SOLID AL	345	16-#14	8.26	27.41	29.74	35.84	1334	305	168	1.36	0.11	1.36	0.12	217	1.36	0.11	1.36	0.12
QBQØ3ZC	1/0 AWG AL	345	16-#14	8.59	27.64	29.97	36.07	1349	305	169	1.38	0.11	1.38	0.11	218	1.38	0.11	1.38	0.11
QBRØ3ZC	2/0 AWG AL	345	13-#12	9.60	28.65	30.99	37.94	1560	305	194	1.08	0.10	1.08	0.11	249	1.08	0.10	1.08	0.11
QBSØ3ZC	3/0 AWG AL	345	16-#12	10.82	29.87	32.21	39.16	1746	330	220	0.86	0.10	0.86	0.10	283	0.86	0.10	0.86	0.10
QBTØ3ZC	4/0 AWG AL	345	20-#12	12.14	31.19	33.53	40.48	1926	330	250	0.69	0.10	0.69	0.10	321	0.69	0.10	0.69	0.10
QBUØ3ZC	250 MCM AL	345	23-#12	13.28	32.59	34.93	41.87	2213	356	280	0.56	0.09	0.56	0.09	353	0.56	0.09	0.56	0.09
QBVØ3ZC	350 MCM AL	345	33-#12	15.72	35.03	37.36	45.74	2850	381	331	0.42	0.08	0.42	0.09	417	0.42	0.08	0.42	0.09
35kV 100% Aluminum Three Phase – One-Third Neutral																			
QBPØ2ZC	1/0 SOLID AL	345	9-#16	8.26	27.41	29.74	35.17	1115	305	168	0.68	0.18	2.44	0.12	219	0.70	0.32	2.39	0.12
QBQØ2ZC	1/0 AWG AL	345	9-#16	8.59	27.64	29.97	35.40	1130	305	168	0.70	0.17	2.46	0.11	219	0.72	0.32	2.41	0.11
QBRØ2ZC	2/0 AWG AL	345	11-#16	9.60	28.65	30.99	36.41	1231	305	191	0.55	0.17	2.07	0.11	248	0.58	0.31	2.03	0.11
QBSØ2ZC	3/0 AWG AL	345	14-#16	10.82	29.87	32.21	37.63	1363	305	218	0.44	0.16	1.62	0.10	280	0.47	0.30	1.59	0.10
QBTØ2ZC	4/0 AWG AL	345	17-#16	12.14	31.19	33.53	38.95	1461	330	247	0.35	0.16	1.32	0.09	314	0.39	0.28	1.30	0.09
QBUØ2ZC	250 MCM AL	345	21-#16	13.28	32.59	34.93	40.35	1685	330	271	0.30	0.15	1.12	0.09	339	0.34	0.27	1.10	0.09
QBVØ2ZC	350 MCM AL	345	27-#16	15.72	35.03	37.36	44.21	2086	356	325	0.22	0.14	0.81	0.08	394	0.27	0.25	0.80	0.08
QBWØ2ZC	500 MCM AL	345	25-#14	18.80	38.10	40.44	47.96	2631	406	392	0.16	0.14	0.57	0.08	452	0.21	0.23	0.56	0.08
QBXØ2ZC	750 MCM AL	345	24-#12	23.11	42.67	45.87	54.24	3605	457	476	0.11	0.13	0.38	0.07	517	0.18	0.19	0.38	0.07
QBYØ2ZC	1000 MCM AL	345	31-#12	26.92	46.48	49.68	58.05	4354	483	536	0.09	0.12	0.29	0.07	559	0.15	0.17	0.29	0.07

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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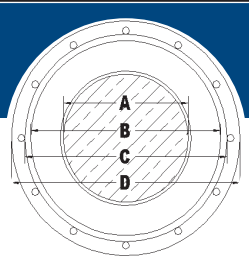

TRXLPE DOUBLESEAL® CSA

35kV 100%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
35kV 100% Copper Single Phase – Full Neutral																			
QB7Ø3ZC	1/0 SOLID CU	345	16-#12	8.26	27.41	29.74	36.69	1878	305	215	0.84	0.12	0.84	0.12	276	0.84	0.12	0.84	0.12
QB8Ø3ZC	1/0 AWG CU	345	16-#12	8.59	27.64	29.97	36.92	1897	305	217	0.85	0.11	0.85	0.11	278	0.85	0.11	0.85	0.11
QB9Ø3ZC	2/0 AWG CU	345	20-#12	9.60	28.65	30.99	37.94	2178	305	248	0.67	0.11	0.67	0.11	316	0.67	0.11	0.67	0.11
QBAØ3ZC	3/0 AWG CU	345	26-#12	10.82	29.87	32.21	39.16	2558	330	281	0.53	0.10	0.53	0.10	358	0.53	0.10	0.53	0.10
QBBØ3ZC	4/0 AWG CU	345	32-#12	12.14	31.19	33.53	40.48	2984	330	319	0.43	0.10	0.43	0.10	402	0.43	0.10	0.43	0.10
35kV 100% Copper Three Phase – One-Third Neutral																			
QB7Ø2ZC	1/0 SOLID CU	345	14-#16	8.26	27.41	29.74	35.17	1501	305	216	0.41	0.18	1.59	0.12	277	0.45	0.32	1.56	0.12
QB8Ø2ZC	1/0 AWG CU	345	14-#16	8.59	27.64	29.97	35.40	1519	305	216	0.42	0.17	1.60	0.11	278	0.46	0.31	1.57	0.11
QB9Ø2ZC	2/0 AWG CU	345	17-#16	9.60	28.65	30.99	36.41	1718	305	245	0.34	0.17	1.30	0.11	311	0.38	0.30	1.28	0.11
QBAØ2ZC	3/0 AWG CU	345	21-#16	10.82	29.87	32.21	37.63	1971	305	278	0.27	0.16	1.03	0.10	347	0.32	0.29	1.01	0.10
QBBØ2ZC	4/0 AWG CU	345	27-#16	12.14	31.19	33.53	38.95	2290	330	314	0.22	0.16	0.80	0.09	383	0.27	0.27	0.79	0.09
QBCØ2ZC	250 MCM CU	345	21-#14	13.28	32.59	34.93	41.03	2663	330	344	0.19	0.15	0.69	0.09	408	0.24	0.26	0.68	0.09
QBDØ2ZC	350 MCM CU	345	28-#14	15.72	35.03	37.36	44.89	3445	381	408	0.14	0.15	0.50	0.08	461	0.20	0.23	0.50	0.08
QBEØ2ZC	500 MCM CU	345	26-#12	18.77	38.07	40.41	48.78	4578	406	480	0.11	0.14	0.34	0.08	510	0.17	0.19	0.34	0.08
QBFØ2XC	750 MCM CU	345	25-#10	24.59	44.15	47.35	56.79	6664	457	562	0.08	0.13	0.24	0.07	572	0.15	0.16	0.24	0.07
QBGØ2XC	1000 MCM CU	345	32-#10	28.37	47.93	51.13	60.58	8352	508	612	0.07	0.12	0.18	0.07	624	0.13	0.13	0.18	0.07

†Ampacities are based on the following:

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.

The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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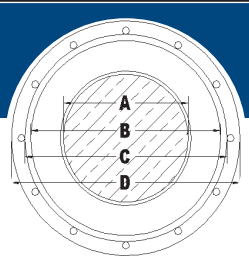

TRXLPE DOUBLESEAL® CSA

35kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
35kV 133% Aluminum Single Phase – Full Neutral																			
QCPØ3ZC	1/0 SOLID AL	420	16-#14	8.26	31.37	33.71	39.81	1554	330	168	1.36	0.11	1.36	0.12	217	1.36	0.11	1.36	0.12
QCQØ3ZC	1/0 AWG AL	420	16-#14	8.59	31.60	33.93	40.04	1571	330	169	1.38	0.11	1.38	0.11	218	1.38	0.11	1.38	0.11
QCRØ3ZC	2/0 AWG AL	420	13-#12	9.60	32.61	34.95	41.90	1792	356	194	1.08	0.10	1.08	0.11	249	1.08	0.10	1.08	0.11
QCSØ3ZC	3/0 AWG AL	420	16-#12	10.82	33.83	36.17	44.54	2076	381	220	0.86	0.10	0.86	0.10	283	0.86	0.10	0.86	0.10
QCTØ3ZC	4/0 AWG AL	420	20-#12	12.14	35.15	37.49	45.86	2267	381	250	0.69	0.10	0.69	0.10	321	0.69	0.10	0.69	0.10
QCUØ3ZC	250 MCM AL	420	23-#12	13.28	36.55	38.89	47.26	2566	381	280	0.56	0.09	0.56	0.09	353	0.56	0.09	0.56	0.09
QCVØ3ZC	350 MCM AL	420	33-#12	15.72	38.99	42.19	50.56	3204	406	331	0.42	0.08	0.42	0.09	417	0.42	0.08	0.42	0.09
35kV 133% Aluminum Three Phase – One-Third Neutral																			
QCPØ2ZC	1/0 SOLID AL	420	9-#16	8.26	31.37	33.71	39.13	1331	330	168	0.68	0.18	2.44	0.12	219	0.70	0.32	2.39	0.12
QCQØ2ZC	1/0 AWG AL	420	9-#16	8.59	31.60	33.93	39.36	1348	330	168	0.70	0.17	2.46	0.11	219	0.72	0.32	2.41	0.11
QCRØ2ZC	2/0 AWG AL	420	11-#16	9.60	32.61	34.95	40.38	1455	330	191	0.55	0.17	2.07	0.11	248	0.58	0.31	2.03	0.11
QCSØ2ZC	3/0 AWG AL	420	14-#16	10.82	33.83	36.17	41.60	1594	356	218	0.44	0.16	1.62	0.10	280	0.47	0.30	1.59	0.10
QCTØ2ZC	4/0 AWG AL	420	17-#16	12.14	35.15	37.49	44.34	1789	356	247	0.35	0.16	1.32	0.09	314	0.39	0.28	1.30	0.09
QCUØ2ZC	250 MCM AL	420	21-#16	13.28	36.55	38.89	45.74	2024	381	271	0.30	0.15	1.12	0.09	339	0.34	0.27	1.10	0.09
QCVØ2ZC	350 MCM AL	420	27-#16	15.72	38.99	42.19	49.04	2428	406	325	0.22	0.14	0.81	0.08	394	0.27	0.25	0.80	0.08
QCWØ2ZC	500 MCM AL	420	25-#14	18.80	42.06	45.26	52.79	3000	432	392	0.16	0.14	0.57	0.08	452	0.21	0.23	0.56	0.08
QCXØ2ZC	750 MCM AL	420	24-#12	23.11	46.63	49.83	58.21	3933	483	476	0.11	0.13	0.38	0.07	517	0.18	0.19	0.38	0.07
QCYØ2ZC	1000 MCM AL	420	31-#12	26.92	50.44	53.64	62.02	4703	508	536	0.09	0.12	0.29	0.07	559	0.15	0.17	0.29	0.07

†Ampacities are based on the following:

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PRODUCT NOTES:

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The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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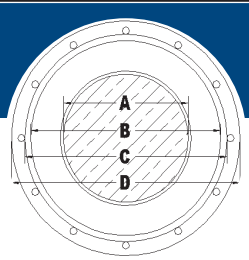

TRXLPE DOUBLESEAL® CSA

35kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance Resistance (Ω/km)	90°C In Duct +/- Sequence Impedance Reactance (Ω/km)	90°C In Duct Zero Sequence Impedance Resistance (Ω/km)	90°C In Duct Zero Sequence Impedance Reactance (Ω/km)	90°C Direct Buried †Ampacity (Amps)	90°C Direct Buried +/- Sequence Impedance Resistance (Ω/km)	90°C Direct Buried +/- Sequence Impedance Reactance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Resistance (Ω/km)	90°C Direct Buried Zero Sequence Impedance Reactance (Ω/km)
35kV 133% Copper Single Phase – Full Neutral																			
QC7Ø3ZC	1/0 SOLID CU	420	16-#12	8.26	31.37	33.71	40.66	2103	330	215	0.84	0.12	0.84	0.12	276	0.84	0.12	0.84	0.12
QC8Ø3ZC	1/0 AWG CU	420	16-#12	8.59	31.60	33.93	40.88	2124	330	217	0.85	0.11	0.85	0.11	278	0.85	0.11	0.85	0.11
QC9Ø3ZC	2/0 AWG CU	420	20-#12	9.60	32.61	34.95	41.90	2411	356	248	0.67	0.11	0.67	0.11	316	0.67	0.11	0.67	0.11
QCAØ3ZC	3/0 AWG CU	420	26-#12	10.82	33.83	36.17	44.54	2889	381	281	0.53	0.10	0.53	0.10	358	0.53	0.10	0.53	0.10
QCBØ3ZC	4/0 AWG CU	420	32-#12	12.14	35.15	37.49	45.86	3325	381	319	0.43	0.10	0.43	0.10	402	0.43	0.10	0.43	0.10
35kV 133% Copper Three Phase – One-Third Neutral																			
QC7Ø2ZC	1/0 SOLID CU	420	14-#16	8.26	31.37	33.71	39.13	1717	330	216	0.41	0.18	1.59	0.12	277	0.45	0.32	1.56	0.12
QC8Ø2ZC	1/0 AWG CU	420	14-#16	8.59	31.60	33.93	39.36	1737	330	216	0.42	0.17	1.60	0.11	278	0.46	0.31	1.57	0.11
QC9Ø2ZC	2/0 AWG CU	420	17-#16	9.60	32.61	34.95	40.38	1942	330	245	0.34	0.17	1.30	0.11	311	0.38	0.30	1.28	0.11
QCAØ2ZC	3/0 AWG CU	420	21-#16	10.82	33.83	36.17	41.60	2201	356	278	0.27	0.16	1.03	0.10	347	0.32	0.29	1.01	0.10
QCBØ2ZC	4/0 AWG CU	420	27-#16	12.14	35.15	37.49	44.34	2619	356	314	0.22	0.16	0.80	0.09	383	0.27	0.27	0.79	0.09
QCCØ2ZC	250 MCM CU	420	21-#14	13.28	36.55	38.89	46.41	3008	381	344	0.19	0.15	0.69	0.09	408	0.24	0.26	0.68	0.09
QCDØ2ZC	350 MCM CU	420	28-#14	15.72	38.99	42.19	49.71	3792	406	408	0.14	0.15	0.50	0.08	461	0.20	0.23	0.50	0.08
QCEØ2ZC	500 MCM CU	420	26-#12	18.77	42.04	45.24	53.61	4954	432	480	0.11	0.14	0.34	0.08	510	0.17	0.19	0.34	0.08
QCFØ2XC	750 MCM CU	420	25-#10	24.59	48.11	51.31	60.76	7006	508	562	0.08	0.13	0.24	0.07	572	0.15	0.16	0.24	0.07
QCGØ2XC	1000 MCM CU	420	32-#10	28.37	51.89	55.09	64.54	8716	533	612	0.07	0.12	0.18	0.07	624	0.13	0.13	0.18	0.07

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The above dimensions are approximate and subject to normal manufacturing tolerances.

Single Phase Impedance Values Assume Full Return in the Metallic Shield.

All metric (SI) dimensions are derived from a soft conversion.

Single Phase Operation (Full Neutral Design)

In Duct: One single cable in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: One single cable, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Three Phase Operation (1/3 Neutral Design)

In Duct: Three single cables in plastic duct, direct-buried in a triangular configuration, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

Direct Buried: Three single cables, direct-buried, spaced 7.5 inches horizontally, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and shields short-circuited.

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