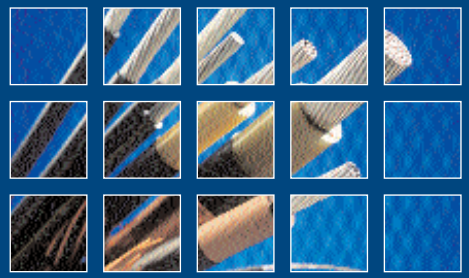
PRYSMIAN CABLES & SYSTEMS

5-46kV TRXLPE DOUBLESEAL® CSA



2012.01.25

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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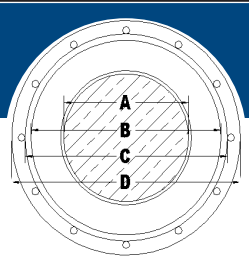

TRXLPE DOUBLESEAL® CSA

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																			
Q4L03ZC	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
Q4M03ZC	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
Q4N03ZC	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
Q4O03ZC	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
Q4P03ZC	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
Q4Q03ZC	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
Q4R03ZC	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
Q4S03ZC	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
Q4T03ZC	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
Q4U03ZC	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
Q4V03ZC	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																			
Q4L02ZC	2 SOLID AL	90	6-#16	6.55	12.40	14.27	19.70	408	178	123	1.08	0.15	4.03	0.08	180	1.10	0.34	3.55	0.08
Q4M02ZC	2 AWG AL	90	6-#16	6.81	12.55	14.43	19.85	414	178	122	1.10	0.15	4.05	0.08	180	1.12	0.34	3.58	0.08
Q4N02ZC	1 SOLID AL	90	7-#16	7.34	13.18	15.06	20.49	458	178	140	0.86	0.15	3.39	0.07	204	0.88	0.33	3.33	0.07
Q4O02ZC	1 AWG AL	90	7-#16	7.65	13.39	15.27	20.69	467	178	139	0.87	0.14	3.41	0.07	204	0.90	0.30	3.36	0.07
Q4P02ZC	1/0 SOLID AL	90	9-#16	8.26	14.10	15.98	21.40	527	178	159	0.68	0.14	2.65	0.07	230	0.71	0.32	2.61	0.07
Q4Q02ZC	1/0 AWG AL	90	9-#16	8.59	14.33	16.21	21.63	538	178	158	0.70	0.14	2.67	0.07	230	0.73	0.31	2.63	0.07
Q4R02ZC	2/0 AWG AL	90	11-#16	9.60	15.34	17.22	22.65	618	203	180	0.55	0.13	2.17	0.06	260	0.59	0.30	2.14	0.06
Q4S02ZC	3/0 AWG AL	90	14-#16	10.82	16.56	18.44	23.87	725	203	206	0.44	0.13	1.71	0.06	292	0.48	0.29	1.69	0.06
Q4T02ZC	4/0 AWG AL	90	17-#16	12.14	17.88	19.76	25.19	796	203	234	0.35	0.12	1.40	0.06	325	0.40	0.28	1.38	0.06
Q4U02ZC	250 MCM AL	90	21-#16	13.28	19.28	21.16	26.58	990	229	258	0.30	0.12	1.14	0.05	349	0.35	0.27	1.12	0.06
Q4V02ZC	350 MCM AL	90	27-#16	15.72	21.72	23.60	29.02	1251	254	311	0.22	0.11	0.87	0.05	402	0.28	0.25	0.87	0.05
Q4W02ZC	500 MCM AL	90	25-#14	18.80	24.79	26.67	32.77	1711	279	377	0.16	0.11	0.58	0.05	451	0.23	0.22	0.58	0.05
Q4X02ZC	750 MCM AL	90	24-#12	23.11	29.36	31.70	38.65	2515	330	460	0.11	0.11	0.39	0.04	506	0.19	0.18	0.39	0.04
Q4Y02ZC	1000 MCM AL	90	31-#12	26.92	33.17	35.51	43.88	3254	356	521	0.09	0.10	0.30	0.04	543	0.17	0.15	0.30	0.04

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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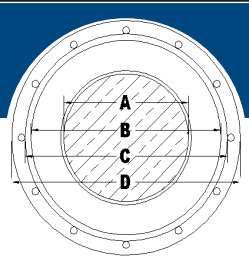

TRXLPE DOUBLESEAL® CSA

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																			
Q4303ZC	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
Q4403ZC	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
Q4503ZC	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
Q4603ZC	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
Q4703ZC	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
Q4803ZC	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
Q4903ZC	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
Q4A03ZC	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
Q4B03ZC	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																			
Q4302ZC	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
Q4402ZC	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
Q4502ZC	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
Q4602ZC	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
Q4702ZC	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
Q4802ZC	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
Q4902ZC	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
Q4A02ZC	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
Q4B02ZC	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
Q4C02ZC	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
Q4D02ZC	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
Q4E02ZC	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
Q4F02XC	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
Q4G02XC	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

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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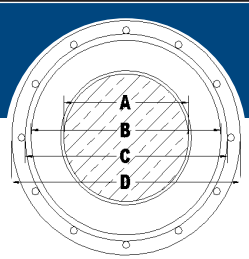

TRXLPE DOUBLESEAL® CSA

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																			
Q5L03ZC	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
Q5M03ZC	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
Q5N03ZC	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
Q5O03ZC	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
Q5P03ZC	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
Q5Q03ZC	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
Q5R03ZC	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
Q5S03ZC	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
Q5T03ZC	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
Q5V03ZC	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																			
Q5L02ZC	2 SOLID AL	115	7-#16	6.55	13.67	15.54	20.97	456	178	123	1.08	0.15	3.50	0.09	178	1.10	0.34	3.44	0.09
Q5M02ZC	2 AWG AL	115	7-#16	6.81	13.82	15.70	21.12	463	178	123	1.10	0.16	3.52	0.09	177	1.12	0.34	3.46	0.09
Q5N02ZC	1 SOLID AL	115	7-#16	7.34	14.45	16.33	21.76	497	178	140	0.86	0.15	3.28	0.08	202	0.88	0.33	3.23	0.08
Q5O02ZC	1 AWG AL	115	7-#16	7.65	14.66	16.54	21.96	506	178	140	0.87	0.15	3.30	0.08	201	0.90	0.33	3.25	0.08
Q5P02ZC	1/0 SOLID AL	115	9-#16	8.26	15.37	17.25	22.67	568	203	160	0.68	0.14	2.57	0.08	229	0.71	0.32	2.53	0.08
Q5Q02ZC	1/0 AWG AL	115	9-#16	8.59	15.60	17.48	22.90	579	203	159	0.70	0.14	2.59	0.08	227	0.73	0.32	2.55	0.08
Q5R02ZC	2/0 AWG AL	115	11-#16	9.60	16.61	18.49	23.92	661	203	181	0.55	0.14	2.10	0.07	256	0.59	0.31	2.07	0.07
Q5S02ZC	3/0 AWG AL	115	14-#16	10.82	17.83	19.71	25.14	770	203	207	0.44	0.13	1.65	0.07	287	0.48	0.30	1.63	0.07
Q5T02ZC	4/0 AWG AL	115	17-#16	12.14	19.15	21.03	26.46	843	229	235	0.35	0.13	1.35	0.06	320	0.40	0.29	1.34	0.06
Q5U02ZC	250 MCM AL	115	21-#16	13.28	20.55	22.43	27.85	1041	229	259	0.30	0.12	1.11	0.06	345	0.35	0.27	1.10	0.06
Q5V02ZC	350 MCM AL	115	27-#16	15.72	22.99	24.87	30.29	1306	254	312	0.22	0.12	0.84	0.06	397	0.28	0.25	0.84	0.06
Q5W02ZC	500 MCM AL	115	25-#14	18.80	26.06	28.40	34.50	1803	279	378	0.16	0.11	0.58	0.05	447	0.23	0.22	0.58	0.05
Q5X02ZC	750 MCM AL	115	24-#12	23.11	30.63	32.97	39.92	2588	330	461	0.11	0.11	0.38	0.05	501	0.19	0.18	0.38	0.05
Q5Y02ZC	1000 MCM AL	115	31-#12	26.92	34.44	36.78	45.15	3336	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:

†† Zero Sequence Impedance considers all return in the neutral only.

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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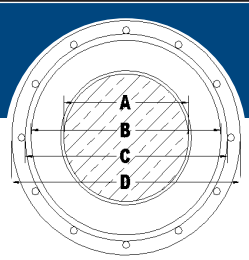

TRXLPE DOUBLESEAL® CSA

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																			
Q5303ZC	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
Q5403ZC	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
Q5503ZC	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
Q5603ZC	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
Q5703ZC	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
Q5903ZC	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
Q5A03ZC	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
Q5B03ZC	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																			
Q5302ZC	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
Q5402ZC	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
Q5502ZC	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
Q5602ZC	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
Q5702ZC	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
Q5802ZC	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
Q5902ZC	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
Q5A02ZC	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
Q5B02ZC	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
Q5C02ZC	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
Q5D02ZC	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
Q5E02ZC	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
Q5F02XC	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
Q5G02XC	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:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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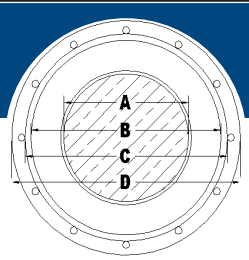

TRXLPE DOUBLESEAL® CSA

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																			
Q6L03ZC	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
Q6M03ZC	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
Q6N03ZC	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
Q6O03ZC	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
Q6P03ZC	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
Q6Q03ZC	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
Q6R03ZC	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
Q6S03ZC	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
Q6T03ZC	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
Q6U03ZC	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
Q6V03ZC	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																			
Q6L02ZC	2 SOLID AL	140	8-#16	6.55	14.99	16.87	22.29	498	203	124	1.08	0.16	3.27	0.10	177	1.10	0.34	3.21	0.10
Q6M02ZC	2 AWG AL	140	8-#16	6.81	15.14	17.02	22.44	505	203	124	1.10	0.16	3.30	0.10	176	1.12	0.34	3.24	0.10
Q6N02ZC	1 SOLID AL	140	8-#16	7.34	15.77	17.65	23.08	551	203	141	0.86	0.16	3.05	0.09	201	0.88	0.33	2.99	0.09
Q6O02ZC	1 AWG AL	140	8-#16	7.65	15.98	17.86	23.28	561	203	141	0.87	0.15	3.07	0.09	200	0.90	0.32	3.02	0.09
Q6P02ZC	1/0 SOLID AL	140	9-#16	8.26	16.69	18.57	23.99	613	203	161	0.68	0.15	2.64	0.09	227	0.71	0.32	2.59	0.09
Q6Q02ZC	1/0 AWG AL	140	9-#16	8.59	16.92	18.80	24.22	625	203	160	0.70	0.15	2.65	0.08	226	0.72	0.32	2.61	0.08
Q6R02ZC	2/0 AWG AL	140	11-#16	9.60	17.93	19.81	25.24	709	203	182	0.55	0.15	2.16	0.08	255	0.58	0.31	2.12	0.08
Q6S02ZC	3/0 AWG AL	140	14-#16	10.82	19.15	21.03	26.46	820	229	208	0.44	0.14	1.70	0.08	286	0.47	0.29	1.67	0.08
Q6T02ZC	4/0 AWG AL	140	17-#16	12.14	20.47	22.35	27.78	896	229	237	0.35	0.13	1.39	0.07	320	0.39	0.28	1.37	0.07
Q6U02ZC	250 MCM AL	140	21-#16	13.28	21.87	23.75	29.17	1096	254	260	0.30	0.13	1.14	0.07	344	0.35	0.27	1.12	0.07
Q6V02ZC	350 MCM AL	140	27-#16	15.72	24.31	26.19	31.61	1366	254	313	0.21	0.12	0.87	0.06	397	0.27	0.25	0.86	0.06
Q6W02ZC	500 MCM AL	140	25-#14	18.80	27.38	29.72	35.82	1871	305	380	0.16	0.12	0.58	0.06	448	0.22	0.22	0.58	0.06
Q6X02ZC	750 MCM AL	140	24-#12	23.11	31.95	34.29	41.24	2667	330	464	0.11	0.11	0.39	0.05	502	0.19	0.18	0.39	0.05
Q6Y02ZC	1000 MCM AL	140	31-#12	26.92	35.76	38.10	46.47	3425	381	524	0.09	0.11	0.30	0.05	541	0.16	0.16	0.30	0.05

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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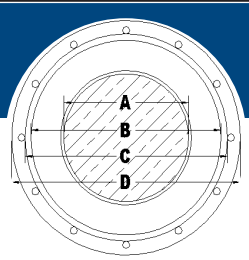

TRXLPE DOUBLESEAL® CSA

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																			
Q6303ZC	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
Q6403ZC	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
Q6503ZC	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
Q6603ZC	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
Q6703ZC	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
Q6803ZC	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
Q6903ZC	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
Q6A03ZC	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
Q6B03ZC	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																			
Q6302ZC	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
Q6402ZC	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
Q6502ZC	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
Q6602ZC	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
Q6702ZC	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
Q6802ZC	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
Q6902ZC	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
Q6A02ZC	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
Q6B02ZC	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
Q6C02ZC	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
Q6D02ZC	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
Q6E02ZC	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
Q6F02XC	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
Q6G02XC	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:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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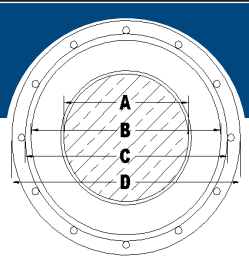

TRXLPE DOUBLESEAL® CSA

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																			
Q7L03ZC	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
Q7M03ZC	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
Q7N03ZC	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
Q7O03ZC	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
Q7P03ZC	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
Q7Q03ZC	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
Q7R03ZC	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
Q7S03ZC	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
Q7T03ZC	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
Q7U03ZC	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
Q7V03ZC	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																			
Q7L02ZC	2 SOLID AL	175	6-#16	6.55	16.76	18.64	24.07	569	203	126	1.08	0.17	2.86	0.10	176	1.11	0.34	2.81	0.10
Q7M02ZC	2 AWG AL	175	6-#16	6.81	16.92	18.80	24.22	576	203	126	1.10	0.17	2.88	0.10	176	1.13	0.34	2.84	0.10
Q7N02ZC	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	200	0.89	0.33	2.59	0.09
Q7O02ZC	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	200	0.90	0.32	2.62	0.09
Q7P02ZC	1/0 SOLID AL	175	9-#16	8.26	18.47	20.35	25.77	678	229	163	0.68	0.15	2.47	0.09	226	0.71	0.32	2.42	0.09
Q7Q02ZC	1/0 AWG AL	175	9-#16	8.59	18.69	20.57	26.00	690	229	163	0.70	0.15	2.49	0.09	226	0.72	0.31	2.45	0.09
Q7R02ZC	2/0 AWG AL	175	11-#16	9.60	19.71	21.59	27.02	777	229	186	0.55	0.15	2.09	0.08	255	0.58	0.30	2.06	0.08
Q7S02ZC	3/0 AWG AL	175	14-#16	10.82	20.93	22.81	28.23	891	229	212	0.44	0.14	1.63	0.08	288	0.48	0.29	1.61	0.08
Q7T02ZC	4/0 AWG AL	175	17-#16	12.14	22.25	24.13	29.56	970	254	241	0.35	0.14	1.33	0.07	322	0.39	0.28	1.31	0.07
Q7U02ZC	250 MCM AL	175	21-#16	13.28	23.65	25.53	30.95	1174	254	264	0.30	0.13	1.12	0.07	346	0.35	0.27	1.11	007
Q7V02ZC	350 MCM AL	175	27-#16	15.72	26.09	28.42	33.85	1480	279	319	0.22	0.13	0.81	0.06	401	0.27	0.25	0.80	0.06
Q7W02ZC	500 MCM AL	175	25-#14	18.80	29.16	31.50	37.60	1967	305	385	0.16	0.12	0.57	0.06	453	0.22	0.22	0.57	0.06
Q7X02ZC	750 MCM AL	175	24-#12	23.11	33.73	36.07	44.44	2857	356	469	0.11	0.12	0.39	0.05	508	0.19	0.18	0.38	0.05
Q7Y02ZC	1000 MCM AL	175	31-#12	26.92	37.54	39.88	48.25	3547	406	531	0.09	0.11	0.29	0.05	551	0.16	0.16	0.29	0.05

†Ampacities are based on the following:

†† Zero Sequence Impedance considers all return in the neutral only.

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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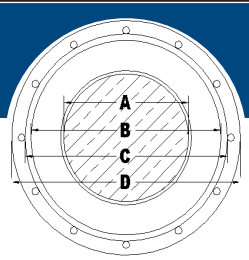

TRXLPE DOUBLESEAL® CSA

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% Copper Single Phase – Full Neutral																			
Q7303ZC	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
Q7403ZC	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
Q7503ZC	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
Q7603ZC	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
Q7703ZC	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
Q7803ZC	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
Q7903ZC	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
Q7A03ZC	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
Q7B03ZC	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																			
Q7302ZC	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
Q7402ZC	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
Q7502ZC	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
Q7602ZC	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
Q7702ZC	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
Q7802ZC	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
Q7902ZC	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
Q7A02ZC	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
Q7B02ZC	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
Q7C02ZC	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
Q7D02ZC	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
Q7E02ZC	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
Q7F02XC	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
Q7G02XC	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

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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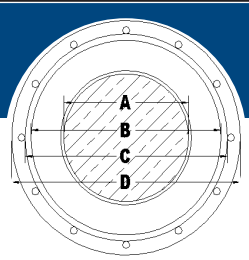

TRXLPE DOUBLESEAL® CSA

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																			
Q8L03ZC	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
Q8M03ZC	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
Q8N03ZC	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
Q8O03ZC	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
Q8P03ZC	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
Q8Q03ZC	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
Q8R03ZC	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
Q8S03ZC	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
Q8T03ZC	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
Q8U03ZC	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
Q8V03ZC	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																			
Q8L02ZC	2 SOLID AL	220	9-#16	6.55	19.10	20.98	26.41	666	229	127	1.08	0.17	3.02	0.11	174	1.11	0.34	2.96	0.11
Q8M02ZC	2 AWG AL	220	9-#16	6.81	19.25	21.13	26.56	674	229	127	1.10	0.17	3.04	0.11	174	1.13	0.34	2.99	0.11
Q8N02ZC	1 SOLID AL	220	9-#16	7.34	19.89	21.77	27.19	713	229	144	0.86	0.17	2.80	0.10	198	0.88	0.33	2.75	0.10
Q8O02ZC	1 AWG AL	220	9-#16	7.65	20.09	21.97	27.40	724	229	145	0.87	0.16	2.82	0.10	198	0.90	0.32	2.77	0.10
Q8P02ZC	1/0 SOLID AL	220	9-#16	8.26	20.80	22.68	28.11	770	229	164	0.68	0.16	2.63	0.10	224	0.70	0.32	2.58	0.10
Q8Q02ZC	1/0 AWG AL	220	10-#16	8.59	21.03	22.91	28.34	793	229	165	0.70	0.16	2.45	0.09	224	0.72	0.31	2.41	0.09
Q8R02ZC	2/0 AWG AL	220	11-#16	9.60	22.05	23.93	29.35	873	254	187	0.55	0.15	2.15	0.09	254	0.58	0.31	2.11	0.09
Q8S02ZC	3/0 AWG AL	220	14-#16	10.82	23.27	25.15	30.57	1075	254	214	0.44	0.14	1.69	0.08	286	0.47	0.29	1.67	0.08
Q8T02ZC	4/0 AWG AL	220	17-#16	12.14	24.59	26.47	31.89	1075	279	243	0.35	0.14	1.39	0.08	320	0.39	0.28	1.37	0.08
Q8U02ZC	250 MCM AL	220	21-#16	13.28	25.98	27.86	33.29	1283	279	266	0.30	0.13	1.13	0.07	345	0.34	0.27	1.12	0.07
Q8V02ZC	350 MCM AL	220	27-#16	15.72	28.42	30.76	36.18	1600	305	321	0.21	0.13	0.87	0.07	401	0.27	0.25	0.86	0.07
Q8W02ZC	500 MCM AL	220	25-#14	18.80	31.50	33.83	39.93	2099	330	387	0.16	0.12	0.58	0.06	454	0.22	0.22	0.58	0.06
Q8X02ZC	750 MCM AL	220	24-#12	23.11	36.07	38.40	46.78	3012	381	471	0.11	0.12	0.39	0.06	511	0.18	0.19	0.39	0.06
Q8Y02ZC	1000 MCM AL	220	31-#12	26.92	39.88	43.08	51.45	3788	432	534	0.09	0.11	0.30	0.05	554	0.16	0.16	0.30	0.05

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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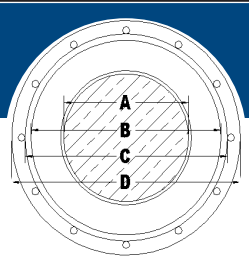

TRXLPE DOUBLESEAL® CSA

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																			
Q8303ZC	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
Q8403ZC	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
Q8503ZC	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
Q8603ZC	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
Q8703ZC	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
Q8803ZC	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
Q8903ZC	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
Q8A03ZC	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
Q8B03ZC	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																			
Q8302ZC	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
Q8402ZC	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
Q8502ZC	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
Q8602ZC	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
Q8702ZC	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
Q8802ZC	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
Q8902ZC	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
Q8A02ZC	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
Q8B02ZC	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
Q8C02ZC	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
Q8D02ZC	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
Q8E02ZC	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
Q8F02XC	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
Q8G02XC	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:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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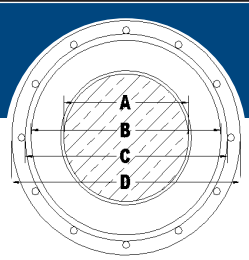

TRXLPE DOUBLESEAL® CSA

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																			
Q9N03ZC	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
Q9O03ZC	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
Q9P03ZC	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
Q9Q03ZC	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
Q9R03ZC	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
Q9S03ZC	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
Q9T03ZC	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
Q9U03ZC	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
Q9V03ZC	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																			
Q9N02ZC	1 SOLID AL	260	10-#16	7.34	21.97	23.85	29.28	810	254	146	0.86	0.17	2.63	0.11	196	0.88	0.33	2.53	0.11
Q9O02ZC	1 AWG AL	260	10-#16	7.65	22.17	24.05	29.48	821	254	146	0.87	0.17	2.62	0.10	197	0.90	0.32	2.57	0.10
Q9P02ZC	1/0 SOLID AL	260	10-#16	8.26	22.89	24.77	30.19	869	254	166	0.68	0.16	2.43	0.10	223	0.71	0.32	2.38	0.10
Q9Q02ZC	1/0 AWG AL	260	10-#16	8.59	23.11	24.99	30.42	883	254	166	0.70	0.16	2.45	0.10	223	0.72	0.31	2.40	0.10
Q9R02ZC	2/0 AWG AL	260	11-#16	9.60	24.13	26.01	31.44	965	254	189	0.55	0.16	2.15	0.09	252	0.58	0.31	2.11	0.09
Q9S02ZC	3/0 AWG AL	260	14-#16	10.82	25.35	27.23	32.65	1087	279	215	0.44	0.15	1.69	0.09	284	0.47	0.29	1.66	0.09
Q9T02ZC	4/0 AWG AL	260	17-#16	12.14	26.67	29.01	34.43	1205	279	244	0.35	0.15	1.38	0.08	318	0.39	0.28	1.36	0.08
Q9U02ZC	250 MCM AL	260	21-#16	13.28	28.07	30.40	35.83	1419	305	268	0.30	0.14	1.13	0.08	344	0.34	0.27	1.12	0.08
Q9V02ZC	350 MCM AL	260	27-#16	15.72	30.51	32.84	38.27	1713	330	322	0.21	0.13	0.86	0.07	400	0.27	0.25	0.85	0.07
Q9W02ZC	500 MCM AL	260	25-#14	18.80	33.58	35.92	43.44	2302	356	389	0.16	0.13	0.58	0.07	453	0.22	0.23	0.58	0.07
Q9X02ZC	750 MCM AL	260	24-#12	23.11	38.15	40.49	48.86	3157	406	473	0.11	0.12	0.39	0.06	514	0.18	0.19	0.39	0.06
Q9Y02ZC	1000 MCM AL	260	31-#12	26.92	41.96	45.16	53.53	3947	432	535	0.09	0.12	0.30	0.06	557	0.16	0.16	0.30	0.06

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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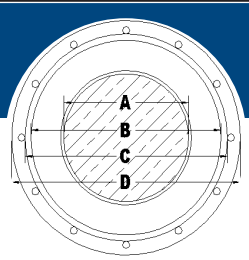

TRXLPE DOUBLESEAL® CSA

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																			
Q9503ZC	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
Q9603ZC	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
Q9703ZC	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
Q9803ZC	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
Q9903ZC	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
Q9A03ZC	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
Q9B03ZC	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																			
Q9502ZC	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
Q9602ZC	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
Q9702ZC	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
Q9802ZC	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
Q9902ZC	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
Q9A02ZC	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
Q9B02ZC	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
Q9C02ZC	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
Q9D02ZC	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
Q9E02ZC	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
Q9F02XC	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
Q9G02XC	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:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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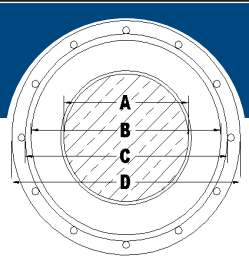

TRXLPE DOUBLESEAL® CSA

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																			
QAN03ZC	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
QAO03ZC	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
QAP03ZC	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
QAQ03ZC	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
QAR03ZC	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
QAS03ZC	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
QAT03ZC	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
QAU03ZC	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
QAV03ZC	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																			
QAN02ZC	1 SOLID AL	320	11-#16	7.34	25.12	27.00	32.43	962	279	147	0.86	0.18	2.44	0.12	194	0.88	0.33	2.39	0.12
QAO02ZC	1 AWG AL	320	11-#16	7.65	25.32	27.20	32.63	975	279	147	0.87	0.17	2.45	0.11	195	0.90	0.32	2.41	0.11
QAP02ZC	1/0 SOLID AL	320	11-#16	8.26	26.04	27.91	33.34	1026	279	167	0.68	0.17	2.26	0.11	220	0.71	0.32	2.22	0.11
QAQ02ZC	1/0 AWG AL	320	12-#16	8.59	26.26	28.60	34.03	1081	279	168	0.70	0.17	2.15	0.11	220	0.70	0.31	2.11	0.11
QAR02ZC	2/0 AWG AL	320	12-#16	9.60	27.28	29.62	35.04	1158	305	191	0.55	0.16	2.30	0.10	250	0.57	0.31	2.25	0.10
QAS02ZC	3/0 AWG AL	320	14-#16	10.82	28.50	30.84	36.26	1276	305	217	0.44	0.16	1.68	0.10	282	0.47	0.30	1.65	0.10
QAT02ZC	4/0 AWG AL	320	17-#16	12.14	29.82	32.16	37.58	1370	305	246	0.35	0.15	1.38	0.09	316	0.38	0.28	1.36	0.09
QAU02ZC	250 MCM AL	320	21-#16	13.28	31.22	33.55	38.98	1591	330	270	0.30	0.15	1.13	0.09	342	0.34	0.27	1.11	0.09
QAV02ZC	350 MCM AL	320	27-#16	15.72	33.66	35.99	41.42	1896	356	324	0.21	0.14	0.86	0.08	399	0.26	0.26	0.85	0.08
QAW02ZC	500 MCM AL	320	25-#14	18.80	36.73	39.07	46.59	2509	381	391	0.16	0.13	0.58	0.07	453	0.22	0.23	0.57	0.07
QAX02ZC	750 MCM AL	320	24-#12	23.11	41.30	44.50	52.87	3462	432	476	0.11	0.13	0.39	0.07	517	0.18	0.19	0.39	0.07
QAY02ZC	1000 MCM AL	320	31-#12	26.92	45.11	48.31	56.68	4200	457	538	0.09	0.12	0.30	0.06	561	0.15	0.17	0.30	0.06

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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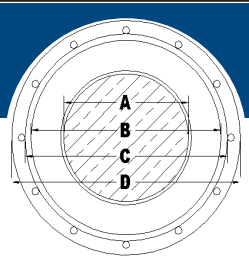

TRXLPE DOUBLESEAL® CSA

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																			
QA503ZC	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
QA603ZC	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
QA703ZC	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
QA803ZC	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
QA903ZC	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
QAA03ZC	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
QAB03ZC	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																			
QA502ZC	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
QA602ZC	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
QA702ZC	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
QA802ZC	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
QA902ZC	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
QAA02ZC	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
QAB02ZC	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
QAC02ZC	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
QAD02ZC	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
QAE02ZC	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
QAF02XC	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
QAG02XC	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:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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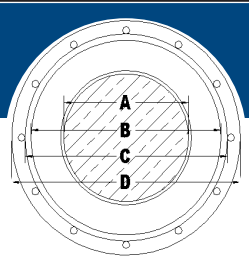

TRXLPE DOUBLESEAL® CSA

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																			
QVN03ZC	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
QVO03ZC	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
QVP03ZC	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
QVQ03ZC	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
QVR03ZC	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
QVS03ZC	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
QVT03ZC	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
QVU03ZC	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
QVV03ZC	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																			
QVN02ZC	1 SOLID AL	280	10-#16	7.34	23.04	24.92	30.34	856	254	146	0.86	0.17	2.53	0.11	195	0.88	0.33	2.48	0.11
QVO02ZC	1 AWG AL	280	10-#16	7.65	23.24	25.12	30.55	868	254	145	0.87	0.17	2.55	0.11	194	0.89	0.33	2.50	0.11
QVP02ZC	1/0 SOLID AL	280	11-#16	8.26	23.95	25.83	31.26	928	254	166	0.68	0.17	2.20	0.11	221	0.71	0.32	2.16	0.11
QVQ02ZC	1/0 AWG AL	280	11-#16	8.59	24.18	26.06	31.49	942	254	165	0.70	0.17	2.22	0.11	220	0.73	0.32	2.18	0.11
QVR02ZC	2/0 AWG AL	280	11-#16	9.60	25.20	27.08	32.50	1014	279	188	0.55	0.16	2.08	0.10	249	0.58	0.31	2.04	0.10
QVS02ZC	3/0 AWG AL	280	14-#16	10.82	26.42	28.75	34.18	1168	279	214	0.44	0.16	1.64	0.10	281	0.47	0.30	1.61	0.10
QVT02ZC	4/0 AWG AL	280	17-#16	12.14	27.74	30.07	35.50	1259	305	243	0.35	0.15	1.34	0.09	314	0.39	0.29	1.32	0.09
QVU02ZC	250 MCM AL	280	21-#16	13.28	29.13	31.47	36.90	1475	305	266	0.30	0.15	1.10	0.09	340	0.34	0.28	1.08	0.09
QVV02ZC	350 MCM AL	280	27-#16	15.72	31.57	33.91	39.33	1773	330	320	0.21	0.14	0.84	0.08	395	0.27	0.26	0.83	0.08
QVW02ZC	500 MCM AL	280	25-#14	18.80	34.65	36.98	44.51	2371	381	386	0.16	0.13	0.58	0.07	449	0.22	0.23	0.57	0.07
QVX02ZC	750 MCM AL	280	24-#12	23.11	39.22	42.42	50.79	3305	406	470	0.11	0.13	0.38	0.07	509	0.18	0.19	0.38	0.07
QVY02ZC	1000 MCM AL	280	31-#12	26.92	43.03	46.23	54.60	4031	457	531	0.09	0.12	0.29	0.06	552	0.16	0.17	0.29	0.06

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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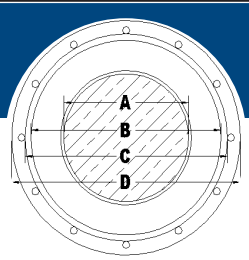

TRXLPE DOUBLESEAL® CSA

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																			
QV503ZC	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
QV603ZC	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
QV703ZC	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
QV803ZC	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
QV903ZC	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
QVA03ZC	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
QVB03ZC	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																			
QV502ZC	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
QV602ZC	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
QV702ZC	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
QV802ZC	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
QV902ZC	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
QVA02ZC	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
QVB02ZC	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
QVC02ZC	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
QVD02ZC	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
QVE02ZC	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
QVF02XC	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
QVG02XC	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:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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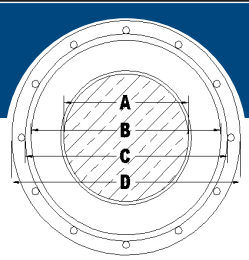

TRXLPE DOUBLESEAL® CSA

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																			
QBP03ZC	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
QBQ03ZC	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
QBR03ZC	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
QBS03ZC	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
QBT03ZC	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
QBU03ZC	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
QBV03ZC	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																			
QBP02ZC	1/0 SOLID AL	345	12-#16	8.26	27.41	29.74	35.17	1136	305	168	0.68	0.18	2.07	0.12	219	0.71	0.32	2.03	0.12
QBQ02ZC	1/0 AWG AL	345	12-#16	8.59	27.64	29.97	35.40	1151	305	167	0.70	0.18	2.09	0.12	217	0.73	0.32	2.05	0.12
QBR02ZC	2/0 AWG AL	345	13-#16	9.60	28.65	30.99	36.41	1240	305	190	0.55	0.17	1.84	0.11	246	0.58	0.31	1.80	0.11
QBS02ZC	3/0 AWG AL	345	14-#16	10.82	29.87	32.21	37.63	1350	305	216	0.44	0.16	1.63	0.10	279	0.47	0.27	1.60	0.10
QBT02ZC	4/0 AWG AL	345	17-#16	12.14	31.19	33.53	38.95	1447	330	245	0.35	0.16	1.33	0.10	312	0.39	0.29	1.31	0.10
QBU02ZC	250 MCM AL	345	21-#16	13.28	32.59	34.93	40.35	1670	330	268	0.30	0.15	1.09	0.09	338	0.34	0.28	1.08	0.09
QBV02ZC	350 MCM AL	345	27-#16	15.72	35.03	37.36	44.21	2060	356	322	0.22	0.15	0.83	0.09	392	0.26	0.26	0.82	0.09
QBW02ZC	500 MCM AL	345	25-#14	18.80	38.10	40.44	47.96	2603	406	388	0.16	0.14	0.58	0.08	449	0.22	0.23	0.57	0.08
QBX02ZC	750 MCM AL	345	24-#12	23.11	42.67	45.87	54.24	3569	457	472	0.11	0.13	0.38	0.07	512	0.18	0.20	0.38	0.07
QBY02ZC	1000 MCM AL	345	31-#12	26.92	46.48	49.68	58.05	4315	483	534	0.09	0.12	0.29	0.07	557	0.16	0.17	0.29	0.07

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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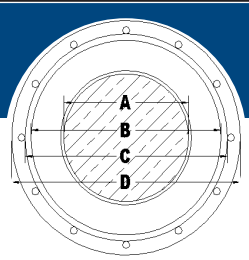

TRXLPE DOUBLESEAL® CSA

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																			
QB703ZC	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
QB803ZC	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
QB903ZC	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
QBA03ZC	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
QBB03ZC	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																			
QB702ZC	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
QB802ZC	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
QB902ZC	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
QBA02ZC	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
QBB02ZC	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
QBC02ZC	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
QBD02ZC	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
QBE02ZC	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
QBF02XC	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
QBG02XC	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

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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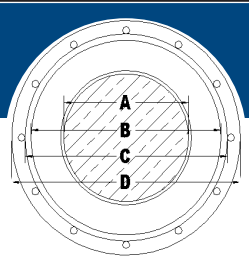

TRXLPE DOUBLESEAL® CSA

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																			
QBP03ZC	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
QBQ03ZC	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
QBR03ZC	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
QBS03ZC	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
QBT03ZC	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
QBU03ZC	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
QBV03ZC	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																			
QBP02ZC	1/0 SOLID AL	345	12-#16	8.26	27.41	29.74	35.17	1136	305	168	0.68	0.18	2.07	0.12	219	0.71	0.32	2.03	0.12
QBQ02ZC	1/0 AWG AL	345	12-#16	8.59	27.64	29.97	35.40	1151	305	167	0.70	0.18	2.09	0.12	217	0.73	0.32	2.05	0.12
QBR02ZC	2/0 AWG AL	345	13-#16	9.60	28.65	30.99	36.41	1240	305	190	0.55	0.17	1.84	0.11	246	0.58	0.31	1.80	0.11
QBS02ZC	3/0 AWG AL	345	14-#16	10.82	29.87	32.21	37.63	1350	305	216	0.44	0.16	1.63	0.10	279	0.47	0.27	1.60	0.10
QBT02ZC	4/0 AWG AL	345	17-#16	12.14	31.19	33.53	38.95	1447	330	245	0.35	0.16	1.33	0.10	312	0.39	0.29	1.31	0.10
QBU02ZC	250 MCM AL	345	21-#16	13.28	32.59	34.93	40.35	1670	330	268	0.30	0.15	1.09	0.09	338	0.34	0.28	1.08	0.09
QBV02ZC	350 MCM AL	345	27-#16	15.72	35.03	37.36	44.21	2060	356	322	0.22	0.15	0.83	0.09	393	0.26	0.26	0.82	0.09
QBW02ZC	500 MCM AL	345	25-#14	18.80	38.10	40.44	47.96	2603	406	388	0.16	0.14	0.58	0.08	449	0.22	0.23	0.57	0.08
QBX02ZC	750 MCM AL	345	24-#12	23.11	42.67	45.87	54.24	3569	457	472	0.11	0.13	0.38	0.07	512	0.18	0.20	0.38	0.07
QBY02ZC	1000 MCM AL	345	31-#12	26.92	46.48	49.68	58.05	4315	483	535	0.09	0.12	0.29	0.07	557	0.16	0.17	0.29	0.07

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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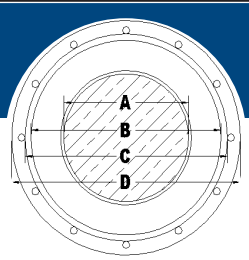

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (mm) (A)	Insulation Diameter (mm) (B)	Insulation Shield Diameter (mm) (C)	Jacket Diameter (mm) (D)	Cable Weight (kg/km)	Minimum Bending Radius (mm)	90°C In Duct †Ampacity (Amps)	90°C In Duct +/- Sequence Impedance 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																			
QB703ZC	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
QB803ZC	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
QB903ZC	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
QBA03ZC	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
QBB03ZC	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																			
QB702ZC	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
QB802ZC	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
QB902ZC	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
QBA02ZC	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
QBB02ZC	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
QBC02ZC	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
QBD02ZC	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
QBE02ZC	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
QBF02XC	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
QBG02XC	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:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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.

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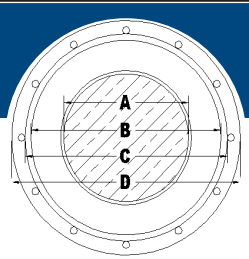

TRXLPE DOUBLESEAL® CSA

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																			
QCP03ZC	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
QCQ03ZC	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
QCR03ZC	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
QCS03ZC	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
QCT03ZC	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
QCU03ZC	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
QCV03ZC	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																			
QCP02ZC	1/0 SOLID AL	420	14-#16	8.26	31.37	33.71	39.13	1373	330	169	0.68	0.18	1.86	0.12	217	0.71	0.32	1.83	0.12
QCQ02ZC	1/0 AWG AL	420	14-#16	8.59	31.60	33.93	39.36	1389	330	168	0.70	0.18	1.88	0.12	215	0.73	0.32	1.85	0.12
QCR02ZC	2/0 AWG AL	420	14-#16	9.60	32.61	34.95	40.38	1473	330	191	0.55	0.18	1.83	0.12	244	0.58	0.31	1.80	0.12
QCS02ZC	3/0 AWG AL	420	15-#16	10.82	33.83	36.17	41.60	1590	356	217	0.44	0.17	1.55	0.11	276	0.47	0.30	1.52	0.11
QCT02ZC	4/0 AWG AL	420	17-#16	12.14	35.15	37.49	44.34	1764	356	247	0.35	0.17	1.33	0.11	309	0.38	0.29	1.31	0.11
QCU02ZC	250 MCM AL	420	21-#16	13.28	36.55	38.89	45.74	1998	381	270	0.30	0.16	1.09	0.10	335	0.34	0.28	1.07	0.10
QCV02ZC	350 MCM AL	420	27-#16	15.72	38.99	42.19	49.04	2395	406	324	0.21	0.15	0.83	0.09	392	0.26	0.26	0.82	0.09
QCW02ZC	500 MCM AL	420	25-#14	18.80	42.06	45.26	52.79	2965	432	390	0.16	0.15	0.58	0.08	450	0.21	0.24	0.57	0.09
QCX02ZC	750 MCM AL	420	24-#12	23.11	46.63	49.83	58.21	3894	483	474	0.11	0.14	0.38	0.08	521	0.16	0.20	0.38	0.08
QCY02ZC	1000 MCM AL	420	31-#12	26.92	50.44	53.64	62.02	4662	508	537	0.09	0.13	0.29	0.07	561	0.15	0.17	0.29	0.07

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

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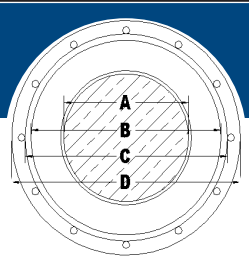

TRXLPE DOUBLESEAL® CSA

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																			
QC703ZC	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
QC803ZC	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
QC903ZC	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
QCA03ZC	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
QCB03ZC	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																			
QC702ZC	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
QC802ZC	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
QC902ZC	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
QCA02ZC	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
QCB02ZC	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
QCC02ZC	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
QCD02ZC	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
QCE02ZC	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
QCF02XC	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
QCG02XC	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

†Ampacities are based on the following:

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.

†† Zero Sequence Impedance considers all return in the neutral only.

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.

PRYSMIAN CABLES & SYSTEMS

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