

## 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 sleeved linear low-density polyethylene (LLDPE) jacket.

## Specifications

## Ratings

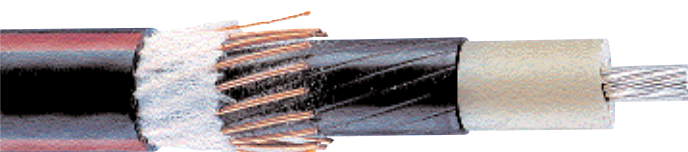
**AEIC** AEIC CS8

**ICEA** ICEA S-94-649

**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 or Class B 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 tape applied longitudinally over the concentric neutrals combined with an application of water swellable agents to resist longitudinal water penetration under the jacket.









### Jacket

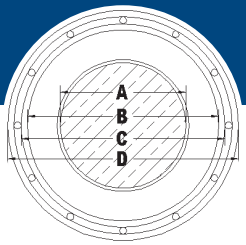
- Sleeved black insulating sunlight resistant linear low-density polyethylene with three extruded red stripes and NESC lightning bolt symbol. Rip cords are applied underneath the jacket to ease removal.

## Options

- Black LLDPE jacket with no stripes
- Multiplex cables
- Tinned round or flat strap neutrals
- Super smooth conductor shield
- Compact stranded conductors
- UL Rating if Required
- 46kV
- REA/RUS U-1 where applicable

## Installations

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



# TRXLPE SUPERDRI™

5kV 100%

Product Number	Conductor	Insulation Thickness (mil)	Concentric Neutral	Conductor Diameter (in.)	Insulation Diameter (in.)	Insulation Shield Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct					90°C Direct Buried					
										+ Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	+ Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	
<b>5kV 100% Aluminum Single Phase – Full Neutral</b>																				
Q4L050A	2 SOLID AL	90	10-#14	0.258	0.48	0.55	0.84	341	7	123	663	24	663	25	178	663	24	663	25	
Q4M050A	2 AWG AL	90	10-#14	0.284	0.51	0.58	0.91	378	8	124	669	25	669	25	177	669	25	669	25	
Q4N050A	1 SOLID AL	90	13-#14	0.289	0.52	0.58	0.91	427	8	141	518	23	518	23	201	518	23	518	23	
Q4O050A	1 AWG AL	90	13-#14	0.324	0.55	0.62	0.95	446	8	143	523	22	523	22	203	523	22	523	22	
Q4P050A	1/0 SOLID AL	90	16-#14	0.325	0.55	0.62	0.95	498	8	160	415	22	415	22	228	415	22	415	22	
Q4Q050A	1/0 AWG AL	90	16-#14	0.364	0.59	0.66	0.99	521	8	162	420	21	420	21	229	420	21	420	21	
Q4R050A	2/0 AWG AL	90	13-#12	0.408	0.63	0.70	1.06	628	9	188	328	21	328	20	263	328	21	328	20	
Q4S050A	3/0 AWG AL	90	16-#12	0.458	0.68	0.75	1.11	741	9	214	263	20	263	19	298	263	20	263	19	
Q4T050A	4/0 AWG AL	90	13-#10	0.515	0.74	0.81	1.21	904	10	248	207	19	207	19	342	207	19	207	19	
Q4U050A	250 MCM AL	90	16-#10	0.561	0.80	0.86	1.27	1078	11	276	171	18	171	18	379	171	18	171	18	
Q4V050A	350 MCM AL	90	16-#9	0.664	0.90	0.97	1.39	1358	12	328	130	17	130	17	446	130	17	130	17	
<b>5kV 100% Aluminum Three Phase – One-Third Neutral</b>																				
Q4L040A	2 SOLID AL	90	6-#14	0.258	0.48	0.55	0.84	289	7	125	329	47	876	25	184	340	103	863	25	
Q4M040A	2 AWG AL	90	6-#14	0.284	0.51	0.58	0.91	326	8	126	335	48	883	25	183	346	102	871	25	
Q4N040A	1 SOLID AL	90	6-#14	0.289	0.52	0.58	0.91	336	8	143	261	46	809	23	207	272	100	797	23	
Q4O040A	1 AWG AL	90	6-#14	0.324	0.55	0.62	0.95	355	8	144	266	45	815	22	207	276	98	804	22	
Q4P040A	1/0 SOLID AL	90	6-#14	0.325	0.55	0.62	0.95	368	8	163	207	44	756	22	234	217	98	745	22	
Q4Q040A	1/0 AWG AL	90	6-#14	0.364	0.59	0.66	0.99	390	8	164	212	43	761	21	234	222	96	751	21	
Q4R040A	2/0 AWG AL	90	7-#14	0.408	0.63	0.70	1.03	445	9	186	168	42	640	20	264	179	93	632	20	
Q4S040A	3/0 AWG AL	90	9-#14	0.458	0.68	0.75	1.08	522	9	213	133	40	500	19	296	146	89	495	19	
Q4T040A	4/0 AWG AL	90	11-#14	0.515	0.74	0.81	1.14	611	10	242	107	39	407	18	329	122	85	403	18	
Q4U040A	250 MCM AL	90	13-#14	0.561	0.80	0.86	1.19	702	10	265	91	38	344	17	354	107	82	341	17	
Q4V040A	350 MCM AL	90	18-#14	0.664	0.90	0.97	1.29	905	11	319	66	36	248	15	405	86	75	247	15	
Q4W040A	500 MCM AL	90	16-#12	0.794	1.03	1.12	1.48	1225	12	387	48	35	175	15	458	70	66	174	15	
Q4X040A	750 MCM AL	90	24-#12	0.974	1.22	1.30	1.67	1721	14	469	35	33	117	14	512	58	54	117	14	
Q4Y040A	1000 MCM AL	90	20-#10	1.124	1.37	1.45	1.92	2269	16	528	29	32	89	13	555	51	45	88	13	

†Ampacities are based on the following:

Information Subject to Change without Notice.

**PRODUCT NOTES:**

▲ Items are Prysmian authorized stock.  
The above dimensions are approximate and subject to normal manufacturing tolerances.  
Single Phase Impedance Values Assume Full Return in the Metallic Shield.

**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.

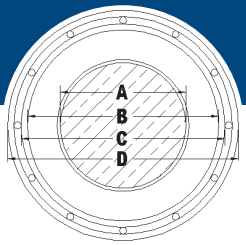
**Three Phase Operation (1/3 Neutral Design)**

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.



1-800-845-8507 (US)  
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1-800-361-1418 (East-CAN)

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# TRXLPE SUPERDRI™

## 5kV 100%

Product Number	Conductor	Insulation Thickness (mil)	Concentric Neutral	Conductor Diameter (in.)	Insulation Diameter (in.)	Insulation Shield Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct					90°C Direct Buried					
										† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	
<b>5kV 100% Copper Single Phase – Full Neutral</b>																				
Q43050A	2 SOLID CU	90	16-#14	0.258	0.48	0.55	0.84	558	7	157	408	25	408	25	227	408	25	408	25	
Q44050A	2 AWG CU	90	16-#14	0.284	0.51	0.58	0.91	595	8	158	412	25	412	25	226	412	25	412	25	
Q45050A	1 SOLID CU	90	13-#12	0.289	0.52	0.58	0.94	706	8	183	318	24	318	24	258	318	24	318	24	
Q46050A	1 AWG CU	90	13-#12	0.324	0.55	0.62	0.98	727	8	184	322	23	322	23	260	322	23	322	23	
Q47050A	1/0 SOLID CU	90	16-#12	0.325	0.55	0.62	0.98	848	8	207	256	23	256	22	292	256	23	256	22	
Q48050A	1/0 AWG CU	90	16-#12	0.364	0.59	0.66	1.02	871	9	209	258	22	258	22	294	258	22	258	22	
Q49050A	2/0 AWG CU	90	13-#10	0.408	0.63	0.70	1.11	1070	9	242	203	22	203	21	337	203	22	203	21	
Q4A050A	3/0 AWG CU	90	16-#10	0.458	0.68	0.75	1.16	1293	10	275	163	20	163	20	381	163	20	163	20	
Q4B050A	4/0 AWG CU	90	16-#9	0.515	0.74	0.81	1.24	1588	10	315	130	20	130	19	434	130	20	130	19	
<b>5kV 100% Copper Three Phase – One-Third Neutral</b>																				
Q43040A	2 SOLID CU	90	6-#14	0.258	0.48	0.55	0.84	428	7	160	200	47	747	25	234	211	103	734	25	
Q44040A	2 AWG CU	90	6-#14	0.284	0.51	0.58	0.91	465	8	162	204	48	751	25	233	214	102	739	25	
Q45040A	1 SOLID CU	90	7-#14	0.289	0.52	0.58	0.91	524	8	184	159	46	628	23	262	171	100	618	23	
Q46040A	1 AWG CU	90	7-#14	0.324	0.55	0.62	0.95	545	8	184	163	45	632	22	262	174	98	623	22	
Q47040A	1/0 SOLID CU	90	9-#14	0.325	0.55	0.62	0.95	629	8	209	127	44	491	22	292	141	96	485	22	
Q48040A	1/0 AWG CU	90	9-#14	0.364	0.59	0.66	0.99	652	8	210	129	43	495	21	293	143	94	488	21	
Q49040A	2/0 AWG CU	90	11-#14	0.408	0.63	0.70	1.03	778	9	238	103	42	402	20	326	119	90	398	20	
Q4A040A	3/0 AWG CU	90	14-#14	0.458	0.68	0.75	1.08	941	9	271	82	40	317	19	359	102	85	314	19	
Q4B040A	4/0 AWG CU	90	18-#14	0.515	0.74	0.81	1.14	1147	10	306	67	39	248	18	392	88	79	247	18	
Q4C040A	250 MCM CU	90	21-#14	0.561	0.80	0.86	1.19	1336	10	335	57	38	212	17	415	80	75	211	17	
Q4D040A	350 MCM CU	90	18-#12	0.664	0.90	0.97	1.33	1797	11	400	43	36	154	16	462	68	65	154	16	
Q4E040A	500 MCM CU	90	17-#10	0.794	1.03	1.12	1.52	2534	13	472	33	34	105	15	509	58	52	104	15	
Q4F040A	750 MCM CU	90	20-#9	0.974	1.22	1.30	1.79	3736	15	547	26	32	72	14	569	48	40	71	14	
Q4G040A	1000 MCM CU	90	21-#8	1.124	1.37	1.45	1.97	4873	16	593	23	30	54	13	624	41	31	53	13	

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**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.  
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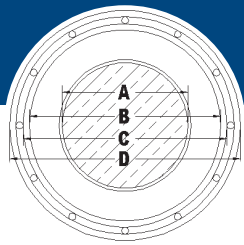
**Three Phase Operation (1/3 Neutral Design)**

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 SUPERDRI™

## 5kV 133%

Product Number	Conductor	Insulation Thickness (mil)	Concentric Neutral	Conductor Diameter (in.)	Insulation Diameter (in.)	Insulation Shield Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct					90°C Direct Buried					
										+ Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	+ Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	
<b>5kV 133% Aluminum Single Phase – Full Neutral</b>																				
Q5L050A	2 SOLID AL	115	10-#14	0.258	0.53	0.60	0.93	387	8	123	663	24	663	25	178	663	24	663	25	
Q5M050A	2 AWG AL	115	10-#14	0.284	0.56	0.63	0.96	403	8	124	669	25	669	25	177	669	25	669	25	
Q5N050A	1 SOLID AL	115	13-#14	0.289	0.57	0.63	0.96	453	8	141	518	23	518	23	201	518	23	518	23	
Q5O050A	1 AWG AL	115	13-#14	0.324	0.60	0.67	1.00	473	8	143	523	22	523	22	203	523	22	523	22	
Q5P050A	1/0 SOLID AL	115	16-#14	0.325	0.60	0.67	1.00	524	8	160	415	22	415	22	228	415	22	415	22	
Q5Q050A	1/0 AWG AL	115	16-#14	0.364	0.64	0.71	1.04	548	9	162	420	21	420	21	229	420	21	420	21	
Q5R050A	2/0 AWG AL	115	13-#12	0.408	0.68	0.75	1.11	657	9	188	328	21	328	20	263	328	21	328	20	
Q5S050A	3/0 AWG AL	115	16-#12	0.458	0.73	0.80	1.16	771	10	214	263	20	263	19	298	263	20	263	19	
Q5T050A	4/0 AWG AL	115	13-#10	0.515	0.79	0.86	1.26	936	11	248	207	19	210	19	342	207	19	207	19	
Q5U050A	250 MCM AL	115	16-#10	0.561	0.85	0.91	1.32	1112	11	276	171	18	171	18	379	171	18	171	18	
Q5V050A	350 MCM AL	115	16-#9	0.664	0.95	1.02	1.44	1395	12	328	130	17	130	17	446	130	17	130	17	
<b>5kV 133% Aluminum Three Phase – One-Third Neutral</b>																				
Q5L040A	2 SOLID AL	115	6-#14	0.258	0.53	0.60	0.93	335	8	125	329	47	876	25	184	340	103	863	25	
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Q5U040A	250 MCM AL	115	13-#14	0.561	0.85	0.91	1.24	736	10	265	91	38	344	17	354	107	82	341	17	
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Q5W040A	500 MCM AL	115	16-#12	0.794	1.08	1.17	1.53	1267	13	387	48	35	175	15	458	70	66	174	15	
Q5X040A	750 MCM AL	115	24-#12	0.974	1.27	1.35	1.78	1836	15	469	35	33	117	14	512	58	54	117	14	
Q5Y040A	1000 MCM AL	115	20-#10	1.124	1.42	1.50	1.97	2324	16	528	29	32	89	13	555	51	45	88	13	

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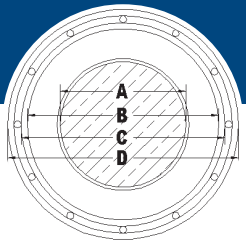
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## 5kV 133%

Product Number	Conductor	Insulation Thickness (mil)	Concentric Neutral	Conductor Diameter (in.)				Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct					90°C Direct Buried				
				(A)	(B)	(C)	(D)				† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)
<b>5kV 133% Copper Single Phase – Full Neutral</b>																				
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Q54050A	2 AWG CU	115	16-#14	0.284	0.56	0.63	0.96	620	8	158	412	25	412	25	226	412	25	412	25	
Q55050A	1 SOLID CU	115	13-#12	0.289	0.57	0.63	0.99	732	8	183	318	24	318	24	258	318	24	318	24	
Q56050A	1 AWG CU	115	13-#12	0.324	0.60	0.67	1.03	753	9	184	322	23	322	23	260	322	23	322	23	
Q57050A	1/0 SOLID CU	115	16-#12	0.325	0.60	0.67	1.03	874	9	207	256	23	256	22	292	256	23	256	22	
Q58050A	1/0 AWG CU	115	16-#12	0.364	0.64	0.71	1.07	898	9	209	258	22	258	22	294	258	22	258	22	
Q59050A	2/0 AWG CU	115	13-#10	0.408	0.68	0.75	1.16	1099	10	242	203	22	203	21	337	203	22	203	21	
Q5A050A	3/0 AWG CU	115	16-#10	0.458	0.73	0.80	1.21	1324	10	275	163	20	163	20	381	163	20	163	20	
Q5B050A	4/0 AWG CU	115	16-#9	0.515	0.79	0.86	1.29	1620	11	315	130	20	130	19	434	130	20	130	19	
<b>5kV 133% Copper Three Phase – One-Third Neutral</b>																				
Q53040A	2 SOLID CU	115	6-#14	0.258	0.53	0.60	0.93	474	8	160	200	47	747	25	234	211	103	734	25	
Q54040A	2 AWG CU	115	6-#14	0.284	0.56	0.63	0.96	490	8	162	204	48	751	25	233	214	102	739	25	
Q55040A	1 SOLID CU	115	7-#14	0.289	0.57	0.63	0.96	549	8	184	159	46	628	23	262	171	100	618	23	
Q56040A	1 AWG CU	115	7-#14	0.324	0.60	0.67	1.00	571	8	184	163	45	632	22	262	174	98	623	22	
Q57040A	1/0 SOLID CU	115	9-#14	0.325	0.60	0.67	1.00	655	8	209	127	44	491	22	292	141	96	485	22	
Q58040A	1/0 AWG CU	115	9-#14	0.364	0.64	0.71	1.04	679	9	210	129	43	495	21	293	143	94	488	21	
Q59040A	2/0 AWG CU	115	11-#14	0.408	0.68	0.75	1.08	806	9	238	103	42	402	20	326	119	90	398	20	
Q5A040A	3/0 AWG CU	115	14-#14	0.458	0.73	0.80	1.13	971	10	271	82	40	317	19	359	102	85	314	19	
Q5B040A	4/0 AWG CU	115	18-#14	0.515	0.79	0.86	1.19	1180	10	306	67	39	248	18	392	88	79	247	18	
Q5C040A	250 MCM CU	115	21-#14	0.561	0.85	0.91	1.24	1370	10	335	57	38	212	17	415	80	75	211	17	
Q5D040A	350 MCM CU	115	18-#12	0.664	0.95	1.02	1.38	1834	12	400	43	36	154	16	462	68	65	154	16	
Q5E040A	500 MCM CU	115	17-#10	0.794	1.08	1.17	1.57	2576	13	472	33	34	105	15	509	58	52	104	15	
Q5F040A	750 MCM CU	115	20-#9	0.974	1.27	1.35	1.84	3786	15	547	26	32	72	14	569	48	40	71	14	
Q5G040A	1000 MCM CU	115	21-#8	1.124	1.42	1.50	2.02	4928	17	593	23	30	54	13	624	41	31	53	13	

†Ampacities are based on the following:

Information Subject to Change without Notice.

**PRODUCT NOTES:**

▲ Items are Prysmian authorized stock.  
The above dimensions are approximate and subject to normal manufacturing tolerances.  
Single Phase Impedance Values Assume Full Return in the Metallic Shield.

**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.

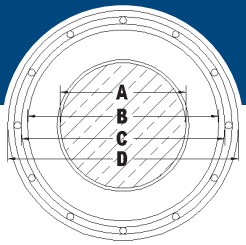
**Three Phase Operation (1/3 Neutral Design)**

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 SUPERDRI™

## 15kV 100%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (in.)	Insulation Diameter (in.)	Insulation Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct					90°C Direct Buried				
										† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)
				(A)	(B)	(C)	(D)			90°C In Duct					90°C Direct Buried				
<b>15kV 100% Aluminum Single Phase – Full Neutral</b>																			
Q7L050A	2 SOLID AL	175	10-#14	0.258	0.65	0.72	1.05	451	9	127	663	29	663	30	174	663	29	663	30
Q7M050A	2 AWG AL	175	10-#14	0.284	0.68	0.75	1.08	470	9	128	669	30	669	31	175	669	30	669	31
Q7N050A	1 SOLID AL	175	13-#14	0.289	0.69	0.75	1.08	520	9	146	518	28	518	29	199	518	28	518	29
Q7O050A	1 AWG AL	175	13-#14	0.324	0.72	0.79	1.12	542	9	147	523	27	523	28	200	523	27	523	28
Q7P050A	1/0 SOLID AL	175	16-#14	0.325	0.72	0.79	1.12	594	9	165	415	27	415	27	225	415	27	415	27
Q7Q050A	1/0 AWG AL	175	16-#14	0.364	0.76	0.83	1.16	621	10	166	420	26	420	26	226	420	26	420	26
Q7R050A	2/0 AWG AL	175	13-#12	0.408	0.80	0.87	1.23	733	10	192	328	25	328	25	260	328	25	328	25
Q7S050A	3/0 AWG AL	175	16-#12	0.458	0.85	0.92	1.28	851	11	218	263	24	263	24	295	263	24	263	24
Q7T050A	4/0 AWG AL	175	13-#10	0.515	0.91	0.98	1.38	1021	12	252	207	23	207	23	338	207	23	207	23
Q7U050A	250 MCM AL	175	16-#10	0.561	0.97	1.03	1.44	1200	12	280	171	22	171	22	374	171	22	171	22
Q7V050A	350 MCM AL	175	16-#9	0.664	1.07	1.16	1.58	1512	13	333	130	21	130	20	441	130	21	130	20
<b>15kV 100% Aluminum Three Phase – One-Third Neutral</b>																			
Q7L040A	2 SOLID AL	175	6-#14	0.258	0.65	0.72	1.05	399	9	129	329	52	871	30	178	338	103	856	30
Q7M040A	2 AWG AL	175	6-#14	0.284	0.68	0.75	1.08	418	9	129	335	52	878	31	178	344	102	864	31
Q7N040A	1 SOLID AL	175	6-#14	0.289	0.69	0.75	1.08	428	9	146	261	50	804	29	202	270	100	790	29
Q7O040A	1 AWG AL	175	6-#14	0.324	0.72	0.79	1.12	451	9	147	266	49	810	28	202	275	98	797	28
Q7P040A	1/0 SOLID AL	175	6-#14	0.325	0.72	0.79	1.12	464	9	166	207	49	751	27	229	216	98	738	27
Q7Q040A	1/0 AWG AL	175	6-#14	0.364	0.76	0.83	1.16	490	10	167	212	47	757	26	229	221	96	744	26
Q7R040A	2/0 AWG AL	175	7-#14	0.408	0.80	0.87	1.20	550	10	190	168	46	636	25	258	178	93	626	25
Q7S040A	3/0 AWG AL	175	9-#14	0.458	0.85	0.92	1.25	632	11	216	133	44	497	23	291	145	89	490	23
Q7T040A	4/0 AWG AL	175	11-#14	0.515	0.91	0.98	1.31	727	11	245	107	42	405	22	325	120	86	400	22
Q7U040A	250 MCM AL	175	13-#14	0.561	0.97	1.03	1.36	824	11	269	91	41	343	21	350	106	82	339	21
Q7V040A	350 MCM AL	175	18-#14	0.664	1.07	1.16	1.48	1058	12	323	66	39	247	19	403	84	76	245	19
Q7W040A	500 MCM AL	175	16-#12	0.794	1.20	1.29	1.65	1374	14	390	48	37	174	18	458	69	67	173	18
Q7X040A	750 MCM AL	175	24-#12	0.974	1.39	1.47	1.90	1962	16	473	35	35	117	16	516	60	55	116	16
Q7Y040A	1000 MCM AL	175	20-#10	1.124	1.54	1.65	2.12	2505	17	534	29	34	89	16	561	49	47	88	16

†Ampacities are based on the following:

Information Subject to Change without Notice.

**PRODUCT NOTES:**

▲ Items are Prysmian authorized stock.  
The above dimensions are approximate and subject to normal manufacturing tolerances.  
Single Phase Impedance Values Assume Full Return in the Metallic Shield.

**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.

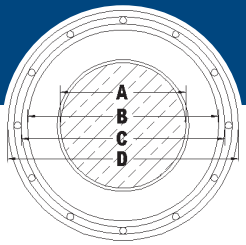
**Three Phase Operation (1/3 Neutral Design)**

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 SUPERDRI™

## 15kV 100%

Product Number	Conductor	Insulation Thickness (mil)	Concentric Neutral	Conductor Diameter (in.)				Insulation Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct				90°C Direct Buried			
				(A)	(B)	(C)	(D)					+ Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	+ Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)
<b>15kV 100% Copper Single Phase – Full Neutral</b>																			
Q73050A	2 SOLID CU	175	16-#14	0.258	0.65	0.72	1.05	669	9	162	408	31	408	30	222	408	31	408	30
Q74050A	2 AWG CU	175	16-#14	0.284	0.68	0.75	1.08	687	9	163	412	31	412	31	223	412	31	412	31
Q75050A	1 SOLID CU	175	13-#12	0.289	0.69	0.75	1.11	799	9	187	318	29	318	29	255	318	29	318	29
Q76050A	1 AWG CU	175	13-#12	0.324	0.72	0.79	1.15	823	10	189	322	28	322	28	257	322	28	322	28
Q77050A	1/0 SOLID CU	175	16-#12	0.325	0.72	0.79	1.15	944	10	212	256	28	256	28	289	256	28	256	28
Q78050A	1/0 AWG CU	175	16-#12	0.364	0.76	0.83	1.19	971	10	214	258	27	258	27	291	258	27	258	27
Q79050A	2/0 AWG CU	175	13-#10	0.408	0.80	0.87	1.28	1175	11	247	203	26	203	26	333	203	26	203	26
Q7A050A	3/0 AWG CU	175	16-#10	0.458	0.85	0.92	1.33	1404	11	280	163	25	163	24	377	163	25	163	24
Q7B050A	4/0 AWG CU	175	16-#9	0.515	0.91	0.98	1.41	1705	12	320	130	23	130	23	429	130	23	130	23
<b>15kV 100% Copper Three Phase – One-Third Neutral</b>																			
Q73040A	2 SOLID CU	175	6-#14	0.258	0.65	0.72	1.05	539	9	165	200	52	742	30	227	209	103	727	30
Q74040A	2 AWG CU	175	6-#14	0.284	0.68	0.75	1.08	557	9	165	204	52	747	31	227	213	102	732	31
Q75040A	1 SOLID CU	175	7-#14	0.289	0.69	0.75	1.08	616	9	188	159	50	624	29	256	169	100	612	29
Q76040A	1 AWG CU	175	7-#14	0.324	0.72	0.79	1.12	640	9	188	162	49	629	28	257	173	98	617	28
Q77040A	1/0 SOLID CU	175	9-#14	0.325	0.72	0.79	1.12	725	9	213	126	49	489	27	287	139	96	480	27
Q78040A	1/0 AWG CU	175	9-#14	0.364	0.76	0.83	1.16	752	10	214	129	47	492	26	288	141	94	484	26
Q79040A	2/0 AWG CU	175	11-#14	0.408	0.80	0.87	1.20	882	10	242	103	46	400	25	322	117	91	394	25
Q7A040A	3/0 AWG CU	175	14-#14	0.458	0.85	0.92	1.25	1051	11	275	82	44	315	23	356	99	86	312	23
Q7B040A	4/0 AWG CU	175	18-#14	0.515	0.91	0.98	1.31	1264	11	311	66	42	247	22	390	86	81	245	22
Q7C040A	250 MCM CU	175	21-#14	0.561	0.97	1.03	1.36	1459	11	340	57	41	211	21	415	78	76	210	21
Q7D040A	350 MCM CU	175	18-#12	0.664	1.07	1.16	1.52	1951	13	406	42	39	153	20	465	66	67	153	20
Q7E040A	500 MCM CU	175	17-#10	0.794	1.20	1.29	1.69	2684	14	478	33	37	104	18	514	57	55	104	18
Q7F040A	750 MCM CU	175	20-#9	0.974	1.39	1.47	1.96	3913	16	554	26	34	71	17	574	47	42	71	17
Q7G040A	1000 MCM CU	175	21-#8	1.124	1.54	1.65	2.17	5109	18	602	23	32	54	16	630	40	34	53	16

†Ampacities are based on the following:

Information Subject to Change without Notice.

**PRODUCT NOTES:**

▲ Items are Prysmian authorized stock.  
The above dimensions are approximate and subject to normal manufacturing tolerances.  
Single Phase Impedance Values Assume Full Return in the Metallic Shield.

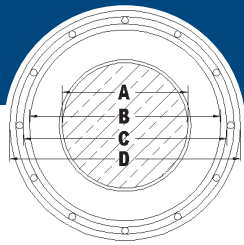
**Single Phase Operation (Full Neutral Design)**

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.





# TRXLPE SUPERDRI™

15kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (in.)	Insulation Diameter (in.)	Insulation Shield Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct					90°C Direct Buried				
										+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	+/- Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	+/- Ampacity (Amps)
(A)	(B)	(C)	(D)																
<b>15kV 133% Aluminum Single Phase – Full Neutral</b>																			
Q8L050A	2 SOLID AL	220	10-#14	0.258	0.74	0.81	1.14	506	10	127	663	29	663	30	174	663	29	663	30
Q8M050A	2 AWG AL	220	10-#14	0.284	0.77	0.84	1.17	526	10	128	669	30	669	31	175	669	30	669	31
Q8N050A	1 SOLID AL	220	13-#14	0.289	0.78	0.84	1.17	576	10	146	518	28	518	29	199	518	28	518	29
Q8O050A	1 AWG AL	220	13-#14	0.324	0.81	0.88	1.21	600	10	147	523	27	523	28	200	523	27	523	28
Q8P050A	1/0 SOLID AL	220	16-#14	0.325	0.81	0.88	1.21	652	10	165	415	27	415	27	225	415	27	415	27
Q8Q050A	1/0 AWG AL	220	16-#14	0.364	0.85	0.92	1.25	681	10	166	420	26	420	26	226	420	26	420	26
Q8R050A	2/0 AWG AL	220	13-#12	0.408	0.89	0.96	1.32	796	11	192	328	25	328	25	260	328	25	328	25
Q8S050A	3/0 AWG AL	220	16-#12	0.458	0.94	1.01	1.37	917	11	218	263	24	263	24	295	263	24	263	24
Q8T050A	4/0 AWG AL	220	13-#10	0.515	1.00	1.07	1.47	1090	12	252	207	23	207	23	338	207	23	207	23
Q8U050A	250 MCM AL	220	16-#10	0.561	1.06	1.14	1.55	1293	13	280	171	22	171	22	374	171	22	171	22
Q8V050A	350 MCM AL	220	16-#9	0.664	1.16	1.25	1.67	1592	14	333	130	21	130	20	441	130	21	130	20
<b>15kV 133% Aluminum Three Phase – One-Third Neutral</b>																			
Q8L040A	2 SOLID AL	220	6-#14	0.258	0.74	0.81	1.14	454	10	129	329	52	871	30	178	338	103	856	30
Q8M040A	2 AWG AL	220	6-#14	0.284	0.77	0.84	1.17	474	10	129	335	52	878	31	178	344	102	864	31
Q8N040A	1 SOLID AL	220	6-#14	0.289	0.78	0.84	1.17	484	10	146	261	50	804	29	202	270	100	790	29
Q8O040A	1 AWG AL	220	6-#14	0.324	0.81	0.88	1.21	509	10	147	266	49	810	28	202	275	98	797	28
Q8P040A	1/0 SOLID AL	220	6-#14	0.325	0.81	0.88	1.21	522	10	166	207	49	751	27	229	216	98	738	27
Q8Q040A	1/0 AWG AL	220	6-#14	0.364	0.85	0.92	1.25	551	10	167	212	47	757	26	229	221	96	744	26
Q8R040A	2/0 AWG AL	220	7-#14	0.408	0.89	0.96	1.29	613	11	190	168	46	636	25	258	178	93	626	25
Q8S040A	3/0 AWG AL	220	9-#14	0.458	0.94	1.01	1.34	698	11	216	133	44	497	23	291	145	89	490	23
Q8T040A	4/0 AWG AL	220	11-#14	0.515	1.00	1.07	1.40	796	12	245	107	42	405	22	325	120	86	400	22
Q8U040A	250 MCM AL	220	13-#14	0.561	1.06	1.14	1.47	916	12	269	91	41	343	21	350	106	82	339	21
Q8V040A	350 MCM AL	220	18-#14	0.664	1.16	1.25	1.57	1137	13	323	66	39	247	19	403	84	76	245	19
Q8W040A	500 MCM AL	220	16-#12	0.794	1.29	1.38	1.80	1528	15	390	48	37	174	18	458	69	67	173	18
Q8X040A	750 MCM AL	220	24-#12	0.974	1.48	1.56	1.99	2062	16	473	35	35	117	16	516	60	55	116	16
Q8Y040A	1000 MCM AL	220	20-#10	1.124	1.63	1.74	2.21	2616	18	534	29	34	89	16	561	49	47	88	16

†Ampacities are based on the following:

Information Subject to Change without Notice.

**PRODUCT NOTES:**

▲ Items are Prysmian authorized stock.  
The above dimensions are approximate and subject to normal manufacturing tolerances.  
Single Phase Impedance Values Assume Full Return in the Metallic Shield.

**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.

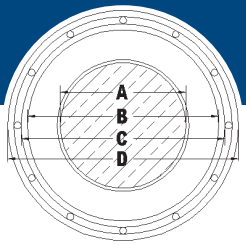
**Three Phase Operation (1/3 Neutral Design)**

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.



1-800-845-8507 (US)  
1-800-263-4405 (West-CAN)  
1-800-361-1418 (East-CAN)

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# TRXLPE SUPERDRI™

## 15kV 133%

Product Number	Conductor	Insulation Thickness (mil)	Concentric Neutral	Conductor Diameter (in.)	Insulation Diameter (in.)	Insulation Shield Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct					90°C Direct Buried				
										† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)
<b>15kV 133% Copper Single Phase – Full Neutral</b>																			
Q83050A	2 SOLID CU	220	16-#14	0.258	0.74	0.81	1.14	724	10	162	408	31	408	30	222	408	30	408	30
Q84050A	2 AWG CU	220	16-#14	0.284	0.77	0.84	1.17	743	10	163	412	31	412	31	223	412	31	412	31
Q85050A	1 SOLID CU	220	13-#12	0.289	0.78	0.84	1.20	855	10	187	318	29	318	29	255	318	29	318	29
Q86050A	1 AWG CU	220	13-#12	0.324	0.81	0.88	1.24	881	10	189	322	28	322	28	257	322	28	322	28
Q87050A	1/0 SOLID CU	220	16-#12	0.325	0.81	0.88	1.24	1002	10	212	256	28	256	28	289	256	28	256	28
Q88050A	1/0 AWG CU	220	16-#12	0.364	0.85	0.92	1.28	1031	11	214	258	27	258	27	291	258	27	258	27
Q89050A	2/0 AWG CU	220	13-#10	0.408	0.89	0.96	1.37	1238	11	247	203	26	203	26	333	203	26	203	26
Q8A050A	3/0 AWG CU	220	16-#10	0.458	0.94	1.01	1.42	1470	12	280	163	25	163	24	377	163	24	163	24
Q8B050A	4/0 AWG CU	220	16-#9	0.515	1.00	1.07	1.50	1774	12	320	130	23	130	23	429	130	23	130	23
<b>15kV 133% Copper Three Phase – One-Third Neutral</b>																			
Q83040A	2 SOLID CU	220	6-#14	0.258	0.74	0.81	1.14	593	10	165	200	52	742	30	227	209	103	727	30
Q84040A	2 AWG CU	220	6-#14	0.284	0.77	0.84	1.17	612	10	165	204	52	747	31	227	213	102	732	31
Q85040A	1 SOLID CU	220	7-#14	0.289	0.78	0.84	1.17	672	10	188	159	50	624	29	256	169	100	612	29
Q86040A	1 AWG CU	220	7-#14	0.324	0.81	0.88	1.21	698	10	188	162	49	629	28	257	173	98	617	28
Q87040A	1/0 SOLID CU	220	9-#14	0.325	0.81	0.88	1.21	783	10	213	126	49	489	27	287	139	96	480	27
Q88040A	1/0 AWG CU	220	9-#14	0.364	0.85	0.92	1.25	812	10	214	129	47	492	26	288	141	94	484	26
Q89040A	2/0 AWG CU	220	11-#14	0.408	0.89	0.96	1.29	945	11	242	103	46	400	25	322	117	91	394	25
Q8A040A	3/0 AWG CU	220	14-#14	0.458	0.94	1.01	1.34	1117	11	275	82	44	315	23	356	99	86	312	23
Q8B040A	4/0 AWG CU	220	18-#14	0.515	1.00	1.07	1.40	1333	12	311	66	42	247	22	390	86	81	245	22
Q8C040A	250 MCM CU	220	21-#14	0.561	1.06	1.14	1.47	1551	12	340	57	41	211	21	415	78	76	210	21
Q8D040A	350 MCM CU	220	18-#12	0.664	1.16	1.25	1.61	2030	13	406	42	39	153	20	465	66	67	153	20
Q8E040A	500 MCM CU	220	17-#10	0.794	1.29	1.38	1.84	2839	15	478	33	37	104	18	514	57	55	104	18
Q8F040A	750 MCM CU	220	20-#9	0.974	1.48	1.56	2.05	4013	17	554	26	34	71	17	574	47	42	71	17
Q8G040A	1000 MCM CU	220	21-#8	1.124	1.63	1.74	2.26	5220	19	602	23	32	54	16	630	40	34	53	16

†Ampacities are based on the following:

Information Subject to Change without Notice.

**PRODUCT NOTES:**

▲ Items are Prysmian authorized stock.  
The above dimensions are approximate and subject to normal manufacturing tolerances.  
Single Phase Impedance Values Assume Full Return in the Metallic Shield.

**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.

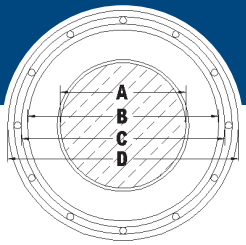
**Three Phase Operation (1/3 Neutral Design)**

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 SUPERDRI™

25kV 100%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (in.)				Insulation Diameter (in.)	Insulation Shield Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct				90°C Direct Buried			
				(A)	(B)	(C)	(D)						+ Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	+ Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)
<b>25kV 100% Aluminum Single Phase – Full Neutral</b>																				
Q9N050A	1 SOLID AL	260	13-#14	0.289	0.86	0.92	1.25	630	11	149	518	33	518	33	197	518	33	518	33	
Q9O050A	1 AWG AL	260	13-#14	0.324	0.89	0.96	1.29	656	11	150	523	31	523	32	198	523	31	523	32	
Q9P050A	1/0 SOLID AL	260	16-#14	0.325	0.89	0.96	1.29	708	11	169	415	31	415	31	223	415	31	415	31	
Q9Q050A	1/0 AWG AL	260	16-#14	0.364	0.93	1.00	1.33	739	11	170	420	30	420	30	225	420	30	420	30	
Q9R050A	2/0 AWG AL	260	13-#12	0.408	0.97	1.04	1.40	856	12	196	328	29	328	29	258	328	29	328	29	
Q9S050A	3/0 AWG AL	260	16-#12	0.458	1.02	1.11	1.47	999	12	226	263	28	263	28	292	263	28	263	28	
Q9T050A	4/0 AWG AL	260	13-#10	0.515	1.08	1.17	1.57	1176	13	256	207	26	207	27	332	207	26	207	27	
Q9U050A	250 MCM AL	260	16-#10	0.561	1.14	1.22	1.63	1363	14	284	171	25	171	25	335	171	25	171	25	
Q9V050A	350 MCM AL	260	16-#9	0.664	1.24	1.33	1.81	1734	15	337	130	23	130	23	434	130	23	130	23	
<b>25kV 100% Aluminum Three Phase – One-Third Neutral</b>																				
Q9N040A	1 SOLID AL	260	6-#14	0.289	0.86	0.92	1.25	539	11	148	261	54	801	33	198	269	101	785	33	
Q9O040A	1 AWG AL	260	6-#14	0.324	0.89	0.96	1.29	565	11	149	266	53	807	32	199	274	99	791	32	
Q9P040A	1/0 SOLID AL	260	6-#14	0.325	0.89	0.96	1.29	578	11	169	207	52	748	31	225	215	98	733	31	
Q9Q040A	1/0 AWG AL	260	6-#14	0.364	0.93	1.00	1.33	609	11	169	212	51	754	30	225	220	96	739	30	
Q9R040A	2/0 AWG AL	260	7-#14	0.408	0.97	1.04	1.37	673	11	192	168	49	633	29	254	177	93	622	29	
Q9S040A	3/0 AWG AL	260	9-#14	0.458	1.02	1.11	1.44	780	12	219	133	47	495	27	286	144	90	487	27	
Q9T040A	4/0 AWG AL	260	11-#14	0.515	1.08	1.17	1.50	882	12	248	107	46	403	26	321	119	86	397	26	
Q9U040A	250 MCM AL	260	13-#14	0.561	1.14	1.22	1.55	985	13	272	91	44	341	25	347	104	83	336	25	
Q9V040A	350 MCM AL	260	18-#14	0.664	1.24	1.33	1.65	1212	14	326	66	42	246	23	401	82	76	244	23	
Q9W040A	500 MCM AL	260	16-#12	0.794	1.37	1.46	1.88	1612	16	393	48	40	173	21	457	67	68	172	21	
Q9X040A	750 MCM AL	260	24-#12	0.974	1.56	1.67	2.10	2200	17	477	35	38	116	19	519	55	57	116	19	
Q9Y040A	1000 MCM AL	260	20-#10	1.124	1.71	1.82	2.29	2719	19	538	28	36	88	18	565	48	49	88	18	

†Ampacities are based on the following:

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**PRODUCT NOTES:**

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

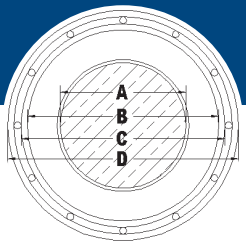
**Single Phase Operation (Full Neutral Design)**

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.





# TRXLPE SUPERDRI™

25kV 100%

Product Number	Conductor	Insulation Thickness (mil)	Concentric Neutral	Conductor Diameter (in.)				Insulation Shield Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct				90°C Direct Buried			
				(A)	(B)	(C)	(D)					† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)
<b>25kV 100% Copper Single Phase – Full Neutral</b>																			
Q95050A	1 SOLID CU	260	13-#12	0.289	0.86	0.92	1.28	909	11	191	318	33	318	34	253	318	33	318	34
Q96050A	1 AWG CU	260	13-#12	0.324	0.89	0.96	1.32	937	11	192	322	32	322	32	254	322	32	322	32
Q97050A	1/0 SOLID CU	260	16-#12	0.325	0.89	0.96	1.32	1058	11	217	256	32	256	32	286	256	32	256	32
Q98050A	1/0 AWG CU	260	16-#12	0.364	0.93	1.00	1.36	1089	11	218	258	31	258	31	288	258	31	258	31
Q99050A	2/0 AWG CU	260	13-#10	0.408	0.97	1.04	1.45	1299	12	251	203	29	203	29	330	203	29	203	29
Q9A050A	3/0 AWG CU	260	16-#10	0.458	1.02	1.11	1.52	1552	13	285	163	28	163	28	373	163	28	163	28
Q9B050A	4/0 AWG CU	260	16-#9	0.515	1.08	1.17	1.60	1860	13	325	130	27	130	27	424	130	27	130	27
<b>25kV 100% Copper Three Phase – One-Third Neutral</b>																			
Q95040A	1 SOLID CU	260	7-#14	0.289	0.86	0.92	1.25	726	11	190	159	54	621	33	252	168	100	608	33
Q96040A	1 AWG CU	260	7-#14	0.324	0.89	0.96	1.29	754	11	190	162	53	626	32	252	172	98	613	32
Q97040A	1/0 SOLID CU	260	9-#14	0.325	0.89	0.96	1.29	839	11	216	126	52	486	31	283	138	97	477	31
Q98040A	1/0 AWG CU	260	9-#14	0.364	0.93	1.00	1.33	870	11	216	129	51	489	30	284	140	95	481	30
Q99040A	2/0 AWG CU	260	11-#14	0.408	0.97	1.04	1.37	1005	11	245	103	49	398	29	318	116	91	391	29
Q9A040A	3/0 AWG CU	260	14-#14	0.458	1.02	1.11	1.44	1199	12	279	82	47	314	27	353	98	87	309	27
Q9B040A	4/0 AWG CU	260	18-#14	0.515	1.08	1.17	1.50	1419	12	315	66	46	246	26	388	84	82	243	26
Q9C040A	250 MCM CU	260	21-#14	0.561	1.14	1.22	1.55	1620	13	344	57	44	210	25	415	76	78	208	25
Q9D040A	350 MCM CU	260	18-#12	0.664	1.24	1.33	1.75	2170	14	409	42	43	153	23	465	64	69	152	23
Q9E040A	500 MCM CU	260	17-#10	0.794	1.37	1.46	1.92	2924	16	481	33	40	104	21	515	55	57	104	21
Q9F040A	750 MCM CU	260	20-#9	0.974	1.56	1.67	2.16	4151	18	561	26	37	71	20	580	45	45	71	20
Q9G040A	1000 MCM CU	260	21-#8	1.124	1.71	1.82	2.34	5324	19	609	23	34	54	18	634	39	37	53	18

†Ampacities are based on the following:

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**PRODUCT NOTES:**

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The above dimensions are approximate and subject to normal manufacturing tolerances.  
Single Phase Impedance Values Assume Full Return in the Metallic Shield.

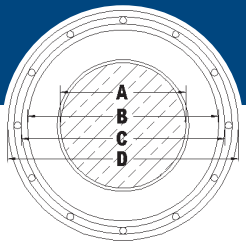
**Single Phase Operation (Full Neutral Design)**

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.





# TRXLPE SUPERDRI™

25kV 133%

Product Number	Conductor	Insulation Thickness (mil)	Concentric Neutral	Conductor Diameter (in.)				Insulation Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct					90°C Direct Buried				
				(A)	(B)	(C)	(D)					† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)
<b>25kV 133% Aluminum Single Phase – Full Neutral</b>																					
QAN050A	1 SOLID AL	320	13-#14	0.289	0.98	1.05	1.38	722	12	149	518	33	518	33	197	518	33	518	33		
QAO050A	1 AWG AL	320	13-#14	0.324	1.01	1.08	1.41	751	12	150	523	31	523	32	198	523	31	523	32		
QAP050A	1/0 SOLID AL	320	16-#14	0.325	1.02	1.08	1.41	803	12	169	415	31	415	31	223	415	31	415	31		
QAQ050A	1/0 AWG AL	320	16-#14	0.364	1.05	1.14	1.47	857	12	170	420	30	420	30	225	420	30	420	30		
QAR050A	2/0 AWG AL	320	13-#12	0.408	1.10	1.19	1.55	978	13	196	328	29	328	29	258	328	29	328	29		
QAS050A	3/0 AWG AL	320	16-#12	0.458	1.15	1.24	1.60	1106	13	226	263	28	263	28	292	263	28	263	28		
QAT050A	4/0 AWG AL	320	13-#10	0.515	1.21	1.29	1.70	1287	14	256	207	26	207	27	335	207	26	207	27		
QAU050A	250 MCM AL	320	16-#10	0.561	1.26	1.35	1.81	1546	15	284	171	25	171	25	370	171	25	171	25		
QAV050A	350 MCM AL	320	16-#9	0.664	1.36	1.45	1.94	1863	16	337	130	23	130	23	434	130	23	130	23		
<b>25kV 133% Aluminum Three Phase – One-Third Neutral</b>																					
QAN040A	1 SOLID AL	320	6-#14	0.289	0.98	1.05	1.38	630	12	148	261	54	801	33	198	269	101	785	33		
QAO040A	1 AWG AL	320	6-#14	0.324	1.01	1.08	1.41	659	12	149	266	53	807	32	199	274	99	791	32		
QAP040A	1/0 SOLID AL	320	6-#14	0.325	1.02	1.08	1.41	672	12	169	207	52	748	31	225	215	98	733	31		
QAQ040A	1/0 AWG AL	320	6-#14	0.364	1.05	1.14	1.47	726	12	169	212	51	754	30	225	220	96	739	30		
QAR040A	2/0 AWG AL	320	7-#14	0.408	1.10	1.19	1.51	794	13	192	168	49	633	29	254	177	93	622	29		
QAS040A	3/0 AWG AL	320	9-#14	0.458	1.15	1.24	1.56	887	13	219	133	47	495	27	286	144	90	487	27		
QAT040A	4/0 AWG AL	320	11-#14	0.515	1.21	1.29	1.62	993	13	248	107	46	403	26	321	119	86	397	26		
QAU040A	250 MCM AL	320	13-#14	0.561	1.26	1.35	1.68	1101	14	272	91	44	341	25	347	104	83	336	25		
QAV040A	350 MCM AL	320	18-#14	0.664	1.36	1.45	1.84	1404	15	326	66	42	246	23	401	82	76	244	23		
QAW040A	500 MCM AL	320	16-#12	0.794	1.49	1.58	2.00	1750	17	393	48	40	173	21	457	67	68	172	21		
QAX040A	750 MCM AL	320	24-#12	0.974	1.68	1.80	2.22	2355	18	477	35	38	116	19	519	55	57	116	19		
QAY040A	1000 MCM AL	320	20-#10	1.124	1.83	1.95	2.41	2886	20	538	28	36	88	18	565	48	49	88	18		

†Ampacities are based on the following:

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**PRODUCT NOTES:**

▲ Items are Prysmian authorized stock.  
The above dimensions are approximate and subject to normal manufacturing tolerances.  
Single Phase Impedance Values Assume Full Return in the Metallic Shield.

**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.

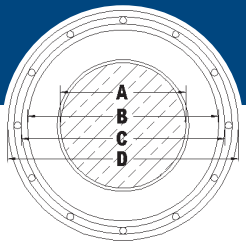
**Three Phase Operation (1/3 Neutral Design)**

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.



1-800-845-8507 (US)  
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1-800-361-1418 (East-CAN)

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# TRXLPE SUPERDRI™

25kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (in.)				Insulation Shield Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct				90°C Direct Buried			
				(A)	(B)	(C)	(D)					† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)
<b>25kV 133% Copper Single Phase – Full Neutral</b>																			
QA5050A	1 SOLID CU	320	13-#12	0.289	0.98	1.05	1.41	1001	12	191	318	33	318	34	253	318	33	318	34
QA6050A	1 AWG CU	320	13-#12	0.324	1.01	1.08	1.44	1032	12	192	322	32	322	32	254	322	32	322	32
QA7050A	1/0 SOLID CU	320	16-#12	0.325	1.02	1.08	1.44	1153	12	217	256	32	256	32	286	256	32	256	32
QA8050A	1/0 AWG CU	320	16-#12	0.364	1.05	1.14	1.50	1207	13	218	258	31	258	31	288	258	31	258	31
QA9050A	2/0 AWG CU	320	13-#10	0.408	1.10	1.19	1.59	1421	13	251	203	29	203	29	330	203	29	203	29
QAA050A	3/0 AWG CU	320	16-#10	0.458	1.15	1.24	1.64	1659	14	285	163	28	163	28	373	163	28	163	28
QAB050A	4/0 AWG CU	320	16-#9	0.515	1.21	1.29	1.78	2038	15	325	130	27	130	27	424	130	27	130	27
<b>25kV 133% Copper Three Phase – One-Third Neutral</b>																			
QA5040A	1 SOLID CU	320	7-#14	0.289	0.98	1.05	1.38	818	12	190	159	54	621	33	252	168	100	608	33
QA6040A	1 AWG CU	320	7-#14	0.324	1.01	1.08	1.41	849	12	190	162	53	626	32	252	172	98	613	32
QA7040A	1/0 SOLID CU	320	9-#14	0.325	1.02	1.08	1.41	934	12	216	126	52	486	31	283	138	97	477	31
QA8040A	1/0 AWG CU	320	9-#14	0.364	1.05	1.14	1.47	988	12	216	129	51	489	30	284	140	95	481	30
QA9040A	2/0 AWG CU	320	11-#14	0.408	1.10	1.19	1.51	1127	13	245	103	49	398	29	318	116	91	391	29
QAA040A	3/0 AWG CU	320	14-#14	0.458	1.15	1.24	1.56	1305	13	279	82	47	314	27	353	98	87	309	27
QAB040A	4/0 AWG CU	320	18-#14	0.515	1.21	1.29	1.62	1530	13	315	66	46	246	26	388	84	82	243	26
QAC040A	250 MCM CU	320	21-#14	0.561	1.26	1.35	1.68	1736	14	344	57	44	210	25	415	76	78	208	25
QAD040A	350 MCM CU	320	18-#12	0.664	1.36	1.45	1.87	2298	15	409	42	43	153	23	465	64	69	152	23
QAE040A	500 MCM CU	320	17-#10	0.794	1.49	1.58	2.04	3062	17	481	33	40	104	21	515	55	57	104	21
QAF040A	750 MCM CU	320	20-#9	0.974	1.68	1.80	2.29	4307	19	561	26	37	71	20	580	45	45	71	20
QAG040A	1000 MCM CU	320	21-#8	1.124	1.83	1.95	2.47	5491	20	609	23	34	54	18	634	39	37	53	18

†Ampacities are based on the following:

Information Subject to Change without Notice.

**PRODUCT NOTES:**

▲ Items are Prysmian authorized stock.  
 The above dimensions are approximate and subject to normal manufacturing tolerances.  
 Single Phase Impedance Values Assume Full Return in the Metallic Shield.

**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.

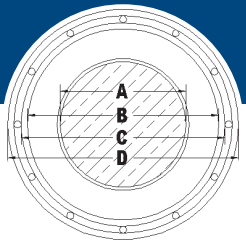
**Three Phase Operation (1/3 Neutral Design)**

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 SUPERDRI™

35kV 100%

Product Number	Conductor	Insulation Thickness (mil)	Concentric Neutral	Conductor Diameter (in.)				Insulation Shield Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct					90°C Direct Buried				
				(A)	(B)	(C)	(D)					† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)
<b>35kV 100% Aluminum Single Phase – Full Neutral</b>																					
QBP050A	1/0 SOLID AL	345	16-#14	0.325	1.07	1.15	1.48	864	12	172	415	35	415	35	222	415	35	415	35		
QBQ050A	1/0 AWG AL	345	16-#14	0.364	1.10	1.19	1.52	900	13	173	420	34	420	34	223	420	34	420	34		
QBR050A	2/0 AWG AL	345	13-#12	0.408	1.15	1.24	1.60	1022	13	199	328	32	328	33	255	328	32	328	33		
QBS050A	3/0 AWG AL	345	16-#12	0.458	1.20	1.29	1.65	1152	14	226	263	31	263	31	290	263	31	263	31		
QBT050A	4/0 AWG AL	345	13-#10	0.515	1.26	1.34	1.81	1402	15	259	207	29	207	30	329	207	29	207	30		
QBU050A	250 MCM AL	345	16-#10	0.561	1.31	1.40	1.86	1597	15	287	171	28	171	28	364	171	28	171	28		
QBV050A	350 MCM AL	345	16-#9	0.664	1.41	1.50	1.99	1917	16	341	130	26	130	26	431	130	26	130	26		
<b>35kV 100% Aluminum Three Phase – One-Third Neutral</b>																					
QBP040A	1/0 SOLID AL	345	6-#14	0.325	1.07	1.15	1.48	733	12	170	207	55	744	35	221	214	98	728	35		
QBQ040A	1/0 AWG AL	345	6-#14	0.364	1.10	1.19	1.52	769	13	170	212	54	750	34	221	219	96	735	34		
QBR040A	2/0 AWG AL	345	7-#14	0.408	1.15	1.24	1.56	839	13	194	168	52	630	32	251	176	93	618	32		
QBS040A	3/0 AWG AL	345	9-#14	0.458	1.20	1.29	1.61	932	13	220	133	50	493	31	283	143	90	484	31		
QBT040A	4/0 AWG AL	345	11-#14	0.515	1.26	1.34	1.67	1041	14	250	106	48	401	29	317	118	86	395	29		
QBU040A	250 MCM AL	345	13-#14	0.561	1.31	1.40	1.79	1216	15	274	91	48	340	28	342	103	83	335	28		
QBV040A	350 MCM AL	345	18-#14	0.664	1.41	1.50	1.89	1459	16	328	66	45	245	25	398	81	77	243	25		
QBW040A	500 MCM AL	345	16-#12	0.794	1.54	1.66	2.08	1852	17	395	48	43	173	24	457	65	69	171	24		
QBX040A	750 MCM AL	345	24-#12	0.974	1.73	1.85	2.27	2421	19	479	34	40	116	21	522	54	59	115	21		
QBY040A	1000 MCM AL	345	20-#10	1.124	1.88	2.00	2.46	2957	20	541	28	38	88	20	569	47	51	88	20		

†Ampacities are based on the following:

Information Subject to Change without Notice.

**PRODUCT NOTES:**

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 The above dimensions are approximate and subject to normal manufacturing tolerances.  
 Single Phase Impedance Values Assume Full Return in the Metallic Shield.

**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.

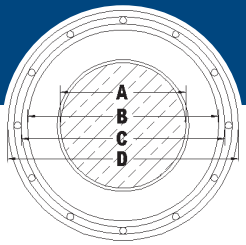
**Three Phase Operation (1/3 Neutral Design)**

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 SUPERDRI™

35kV 100%

Product Number	Conductor	Insulation Thickness (mil)	Concentric Neutral	Conductor Diameter (in.)				Insulation Shield Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct					90°C Direct Buried				
				(A)	(B)	(C)	(D)					† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)
<b>35kV 100% Copper Single Phase – Full Neutral</b>																					
QB7050A	1/0 SOLID CU	345	16-#12	0.325	1.07	1.15	1.51	1214	13	220	256	36	256	36	284	256	36	256	36		
QB8050A	1/0 AWG CU	345	16-#12	0.364	1.10	1.19	1.55	1250	13	222	258	34	258	35	286	258	34	258	35		
QB9050A	2/0 AWG CU	345	13-#10	0.408	1.15	1.24	1.64	1465	14	255	203	33	203	33	327	203	33	203	33		
QBA050A	3/0 AWG CU	345	16-#10	0.458	1.20	1.29	1.69	1705	14	289	163	31	163	31	370	163	31	163	31		
QBB050A	4/0 AWG CU	345	16-#9	0.515	1.26	1.34	1.83	2088	15	329	130	30	130	30	418	130	30	130	30		
<b>35kV 100% Copper Three Phase – One-Third Neutral</b>																					
QB7040A	1/0 SOLID CU	345	9-#14	0.325	1.07	1.15	1.48	995	12	218	126	55	484	35	280	137	97	474	35		
QB8040A	1/0 AWG CU	345	9-#14	0.364	1.10	1.19	1.52	1031	13	219	129	54	487	34	281	139	95	478	34		
QB9040A	2/0 AWG CU	345	11-#14	0.408	1.15	1.24	1.56	1171	13	248	103	52	396	32	315	115	92	389	32		
QBA040A	3/0 AWG CU	345	14-#14	0.458	1.20	1.29	1.61	1351	13	281	82	50	313	31	351	96	87	308	31		
QBB040A	4/0 AWG CU	345	18-#14	0.515	1.26	1.34	1.67	1577	14	318	66	48	245	29	387	83	83	242	29		
QBC040A	250 MCM CU	345	21-#14	0.561	1.31	1.40	1.79	1851	15	347	57	47	209	28	412	74	79	207	28		
QBD040A	350 MCM CU	345	18-#12	0.664	1.41	1.50	1.92	2353	16	412	42	45	152	26	466	62	70	151	26		
QBE040A	500 MCM CU	345	17-#10	0.794	1.54	1.66	2.12	3164	17	485	32	43	104	24	519	53	59	103	24		
QBF040A	750 MCM CU	345	20-#9	0.974	1.73	1.85	2.34	4373	19	565	25	39	71	22	585	44	47	71	22		
QBG040A	1000 MCM CU	345	21-#8	1.124	1.88	2.00	2.52	5562	21	614	23	36	53	20	639	38	39	53	20		

†Ampacities are based on the following:

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**PRODUCT NOTES:**

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

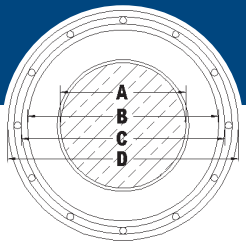
**Single Phase Operation (Full Neutral Design)**

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.





# TRXLPE SUPERDRI™

## 35kV 133%

Product Number	Conductor	Insulation Thickness (mils)	Concentric Neutral	Conductor Diameter (in.)				Insulation Shield Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct					90°C Direct Buried				
				(A)	(B)	(C)	(D)					† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)
<b>35kV 133% Aluminum Single Phase – Full Neutral</b>																					
QCPØ5ØA	1/0 SOLID AL	420	16-#14	0.325	1.22	1.31	1.64	1002	14	172	415	35	415	35	222	415	35	415	35		
QCQØ5ØA	1/0 AWG AL	420	16-#14	0.364	1.26	1.35	1.67	1041	14	173	420	34	420	34	223	420	34	420	34		
QCRØ5ØA	2/0 AWG AL	420	13-#12	0.408	1.30	1.39	1.81	1236	15	199	328	32	328	33	255	328	32	328	33		
QCSØ5ØA	3/0 AWG AL	420	16-#12	0.458	1.35	1.44	1.86	1373	15	226	263	31	263	31	290	263	31	263	31		
QCTØ5ØA	4/0 AWG AL	420	13-#10	0.515	1.41	1.50	1.96	1565	16	259	207	29	207	30	329	207	29	207	29		
QCUØ5ØA	250 MCM AL	420	16-#10	0.561	1.46	1.55	2.02	1765	17	287	171	28	171	28	364	171	28	171	28		
QCVØ5ØA	350 MCM AL	420	16-#9	0.664	1.57	1.68	2.17	2139	18	341	130	26	130	26	431	130	26	130	26		
<b>35kV 133% Aluminum Three Phase – One-Third Neutral</b>																					
QCPØ4ØA	1/0 SOLID AL	420	6-#14	0.325	1.22	1.31	1.64	871	14	170	207	55	744	35	221	214	98	728	35		
QCQØ4ØA	1/0 AWG AL	420	6-#14	0.364	1.26	1.35	1.67	911	14	170	212	54	750	34	221	219	96	735	34		
QCRØ4ØA	2/0 AWG AL	420	7-#14	0.408	1.30	1.39	1.78	1051	15	194	168	52	630	32	251	176	93	618	32		
QCSØ4ØA	3/0 AWG AL	420	9-#14	0.458	1.35	1.44	1.83	1151	15	220	133	50	493	31	283	143	90	484	31		
QCTØ4ØA	4/0 AWG AL	420	11-#14	0.515	1.41	1.50	1.89	1268	16	250	106	48	401	29	317	118	86	395	29		
QCUØ4ØA	250 MCM AL	420	13-#14	0.561	1.46	1.55	1.94	1384	16	274	91	48	340	28	342	103	83	335	28		
QCVØ4ØA	350 MCM AL	420	18-#14	0.664	1.57	1.68	2.07	1680	17	328	66	45	245	25	398	81	77	243	25		
QCWØ4ØA	500 MCM AL	420	16-#12	0.794	1.70	1.81	2.24	2046	18	395	48	43	173	24	457	65	69	171	24		
QCXØ4ØA	750 MCM AL	420	24-#12	0.974	1.88	2.00	2.42	2633	20	479	34	40	116	21	522	54	59	115	21		
QCYØ4ØA	1000 MCM AL	420	20-#10	1.124	2.03	2.15	2.62	3183	21	541	28	38	88	20	569	47	51	88	20		

† Ampacities are based on the following:

Information Subject to Change without Notice.

**PRODUCT NOTES:**

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 The above dimensions are approximate and subject to normal manufacturing tolerances.  
 Single Phase Impedance Values Assume Full Return in the Metallic Shield.

**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.

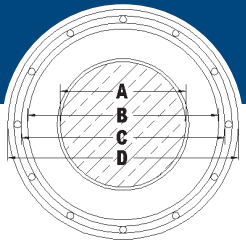
**Three Phase Operation (1/3 Neutral Design)**

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 SUPERDRI™

35kV 133%

Product Number	Conductor	Insulation Thickness (mil)	Concentric Neutral	Conductor Diameter (in.)				Insulation Shield Diameter (in.)	Jacket Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	90°C In Duct					90°C Direct Buried				
				(A)	(B)	(C)	(D)					† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)	† Ampacity (Amps)	+/- Sequence Impedance Resistance (μΩ/ft)	+/- Sequence Impedance Reactance (μΩ/ft)	Zero Sequence Impedance Resistance (μΩ/ft)	Zero Sequence Impedance Reactance (μΩ/ft)
<b>35kV 133% Copper Single Phase – Full Neutral</b>																					
QC7050A	1/0 SOLID CU	420	16-#12	0.325	1.22	1.31	1.67	1353	14	220	256	36	256	36	284	256	36	256	36		
QC8050A	1/0 AWG CU	420	16-#12	0.364	1.26	1.35	1.77	1458	15	222	258	34	258	35	286	258	34	258	35		
QC9050A	2/0 AWG CU	420	13-#10	0.408	1.30	1.39	1.85	1681	15	255	203	33	203	33	327	203	33	203	33		
QCA050A	3/0 AWG CU	420	16-#10	0.458	1.35	1.44	1.90	1927	16	289	163	31	163	31	370	163	31	163	31		
QCB050A	4/0 AWG CU	420	16-#9	0.515	1.41	1.50	1.99	2250	16	329	130	30	130	30	418	130	30	130	30		
<b>35kV 133% Copper Three Phase – One-Third Neutral</b>																					
QC7040A	1/0 SOLID CU	420	9-#14	0.325	1.22	1.31	1.64	1133	14	218	126	55	484	35	280	137	97	474	35		
QC8040A	1/0 AWG CU	420	9-#14	0.364	1.26	1.35	1.67	1172	14	219	129	54	487	34	281	139	95	478	34		
QC9040A	2/0 AWG CU	420	11-#14	0.408	1.30	1.39	1.78	1384	15	248	103	52	396	32	315	115	92	389	32		
QCA040A	3/0 AWG CU	420	14-#14	0.458	1.35	1.44	1.83	1570	15	281	82	50	313	31	351	96	87	308	31		
QCB040A	4/0 AWG CU	420	18-#14	0.515	1.41	1.50	1.89	1804	16	318	66	48	245	29	387	83	83	242	29		
QCC040A	250 MCM CU	420	21-#14	0.561	1.46	1.55	1.94	2019	16	347	57	47	209	28	412	74	79	207	28		
QCD040A	350 MCM CU	420	18-#12	0.664	1.57	1.68	2.11	2574	17	412	42	45	152	26	466	62	70	151	26		
QCE040A	500 MCM CU	420	17-#10	0.794	1.70	1.81	2.28	3358	19	485	32	43	104	24	519	53	59	103	24		
QCF040A	750 MCM CU	420	20-#9	0.974	1.88	2.00	2.49	4585	20	565	25	39	71	22	585	44	47	71	22		
QCG040A	1000 MCM CU	420	21-#8	1.124	2.03	2.15	2.67	5788	22	614	23	36	53	20	639	38	39	53	20		

†Ampacities are based on the following:

Information Subject to Change without Notice.

**PRODUCT NOTES:**

▲ Items are Prysmian authorized stock.  
The above dimensions are approximate and subject to normal manufacturing tolerances.  
Single Phase Impedance Values Assume Full Return in the Metallic Shield.

**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.

