

Siechem Control Valve Wiring

Application

- ✓ For use in automatic irrigation systems to connect solenoid valves to controller.
- ✓ Suitable for direct burial.
- ✓ Not suitable for connection to Mains Power Supply
- ✓ Used in Extra Low Energy Systems.

Product Construction

- ✓ Conductor : Soft-Annealed Plain Stranded Copper Conductor
- ✓ Insulation : PE (Polyethylene)
- ✓ Insulation Colour : As per Customer Order
- ✓ Outer Sheath : PVC
- ✓ Sheath Colour :Red
- ✓ Multicore

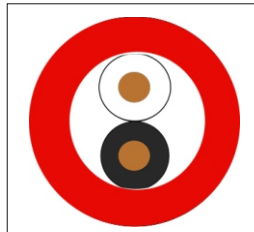
Technical Data

- ✓ Maximum Conductor Temperature : +90°C
- ✓ Maximum Short Circuit Conductor Temperature : +250°C
- ✓ Non-Hygroscopic fillers inserted in the valleys to ensure roundness.
- ✓ Standards : As per customer specifications or generally similar to AS 3808.

Features

- ✓ Direct Burial.
- ✓ Sunlight and Moisture resistant.
- ✓ High Cut-through resistance.
- ✓ High Tensile Strength.
- ✓ High Abrasion resistance.

2D View



Siechem
offers Electron Beam Cross Linked XLPE cables, short circuit resistant at 280°C for 3 minutes with -45°C to +125°C continuously rated cables on demand.

ISO 9001	ISO 14001	IATF 16949	OHSAS 18001
ISO 45001	IRIS TM Certification	REACH COMPLIANT	RoHS COMPLIANT

Part number	Conductor Construction			Insulation Wall Thickness (Nom)	Outer Sheath Thickness (Nom)	Overall Diameter (Nom)	Max. Conductor Resistance at 20°C	Approx Weight of Cable	Current Rating
	Nominal Cross Sectional	No. of Strand	Diameter of Single Wire (Nom)						
	Sq.mm	Nos	mm	mm	mm	mm	Ω/km	kg/km	A
B5650603	3C x 0.5	7	0.30	0.30	0.60	4.9 ± 0.5	38.4	35	4
B5650605	5C x 0.5	7	0.30	0.30	0.60	5.8 ± 0.5	38.4	50	4
B5650607	7C x 0.5	7	0.30	0.30	0.60	6.3 ± 0.5	38.4	65	4
B5650609	9C x 0.5	7	0.30	0.30	0.60	7.6 ± 0.5	38.4	85	4
B5650613	13C x 0.5	7	0.30	0.30	0.70	8.7 ± 0.5	38.4	120	4
B5651002	2C x 1.0	7	0.43	0.40	0.60	6.0 ± 0.5	21.2	45	10
B5651003	3C x 1.0	7	0.43	0.40	0.60	6.3 ± 0.5	21.2	60	10
B5651005	5C x 1.0	7	0.43	0.40	0.60	7.6 ± 0.5	21.2	90	10
B5651007	7C x 1.0	7	0.43	0.40	0.60	8.2 ± 0.5	21.2	120	10
B5651009	9C x 1.0	7	0.43	0.40	0.70	10.2 ± 0.5	21.2	160	10
B5651013	13C x 1.0	7	0.43	0.40	0.70	11.6 ± 0.5	21.2	215	10
B5651302	2C x 1.5	7	0.50	0.40	0.60	6.4 ± 0.5	13.6	55	16
B5651303	3C x 1.5	7	0.50	0.40	0.60	6.8 ± 0.5	13.6	70	16
B5651305	5C x 1.5	7	0.50	0.40	0.60	8.1 ± 0.5	13.6	110	16
B5651307	7C x 1.5	7	0.50	0.40	0.70	9.0 ± 0.5	13.6	150	16
B5651309	9C x 1.5	7	0.50	0.40	0.70	11.0 ± 0.5	13.6	195	16
B5651313	13C x 1.5	7	0.50	0.40	0.70	12.5 ± 0.5	13.6	270	16
B5651602	2C x 2.5	7	0.67	0.40	0.60	7.3 ± 0.5	7.41	80	23
B5651603	3C x 2.5	7	0.67	0.40	0.60	7.8 ± 0.5	7.41	110	23
B5651605	5C x 2.5	7	0.67	0.40	0.70	9.6 ± 0.5	7.41	175	23
B5651607	7C x 2.5	7	0.67	0.40	0.70	10.5 ± 0.5	7.41	230	23
B5651609	9C x 2.5	7	0.67	0.40	0.70	12.8 ± 0.5	7.41	295	23
B5651613	13C x 2.5	7	0.67	0.40	0.80	14.8 ± 0.5	7.41	420	23

