

CCI BU 0.6/1 KV

FIRE RESISTANT, UNARMOURED. 0.6/1 KV, P110.

CCI BU 0,6/1 KV

CONSTRUCTION:

CONDUCTOR:	TINNED ANNEALED COPPER FLEXIBLE CLASS 2 OR CLASS 5 IEC 60228
INSULATION:	MICA TAPE + EPR HF COMPOUND IEC 60092-360
COLOUR CORES:	ACCORDING TO HD 308 S2 AND IEC 60445 1 CORE WHITE OR BLACK 2 CORES BLUE BROWN 3 CORES BROWN BLACK GREY 4 CORES BLUE BROWN BLACK GREY MULTICORES WHITE NUMBERED
BEDDING AND FILLERS:	FLAMEBAR® FIBERGLASS TAPE + FIBRE- GLASS FILLERS (EXTRUDED)
OUTER SHEATH:	SHF2 H-M COMPOUND NEK 606 BLACK

TECHNICAL DATA:

NOMINAL VOLTAGE:	0,6 / 1 KV
MAX OPERATING VOLTAGE U MAX:	1,2KV
TEMPERATURE RANGE:	90 °C ACCORDING TO IEC 60092-360
MIN. BENDING RADIUS:	4XØ (OVERALL DIAMETER)

RESISTANCE:

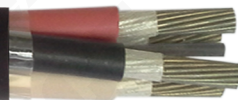
	FLAME RETARDANCY IEC 60332-1-2 IEC 60332-3-22 CAT A
	FIRE RESISTANCE IEC 60331-1 OR 2
	HALOGEN CONTENT & CORROSIVITY IEC 60754-1 & 2 IEC 60684-2
	SMOKE DENSITY IEC 61034-1 & 2
	UV RESISTANCE UL 1581 & 1200
	OZONE RESISTANCE IEC 60092-360
	MINERAL / HYDRAULIC OILS & MUDS RESIST. NEK 606
	IMPACT & COLD RESISTANCE CSA C 22.2 N° 0.3-09 & N° 38-18

EK Part No.	No. Of Cores	Conductor Size (mm²)	Overall Diameter Ø (mm)	Cable Weight (Kgs/Km)	Conductor Resistance @20°C (Ω/Km)	Current Carrying Capacity (1) (Amps)	Current Carrying Capacity (2) (Amps)	Conductor Short Circuit Rating (250° for 1 second) (kA)
15060G7L010M61	1	10	10,3	200	1,84	72	NOT LISTED	1,43
15060G7L010M62	1	16	10,6	240	1,16	96	NOT LISTED	2,29
15060G7L010M63	1	25	12,9	370	0,734	127	117	3,58
15060G7L010M64	1	35	14,2	495	0,529	157	147	5,01
15060G7L010M65	1	50	15,3	625	0,391	196	180	7,15
15060G7L010M66	1	70	16,9	855	0,27	242	233	10,0
15060G7L010M67	1	95	19,4	1140	0,195	293	285	13,6
15060G7L010M68	1	120	21,1	1415	0,154	339	333	17,2
15060G7L010M69	1	150	22,9	1695	0,126	389	386	21,5
15060G7L010M70	1	185	25,5	2150	0,1	444	444	26,5
15060G7L010M71	1	240	28,6	2770	0,0762	522	528	34,3
15060G7L010M72	1	300	32,2	3330	0,0607	601	612	42,9
15060G73020M15	2	1,5	11,0	140	12,2	20	23	0,21
15060G73020M25	2	2,5	12,0	170	7,56	26	31	0,36
15060G73020M40	2	4	13,7	225	4,7	34	43	0,57
15060G73020M60	2	6	14,5	285	3,11	44	55	0,86
15060G73020M61	2	10	16,9	380	1,84	61	75	1,43

CCI BU 0.6/1 KV

FIRE RESISTANT, UNARMoured. 0.6/1 KV, P110.

CCI BU 0,6/1 KV

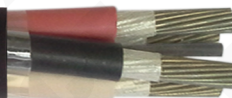


EK Part No.	No. Of Cores	Conductor Size (mm²)	Overall Diameter Ø (mm)	Cable Weight (Kgs/Km)	Conductor Resistance @20°C (Ω/Km)	Current Carrying Capacity (1) (Amps)	Current Carrying Capacity (2) (Amps)	Conductor Short Circuit Rating (250° for 1 second) (kA)
15060G73020M62	2	16	19,5	535	1,16	82	100	2,29
15060G73030M15	3	1,5	11,7	180	12,2	16	20	0,21
15060G73030M25	3	2,5	12,8	225	7,56	21	28	0,36
15060G73030M40	3	4	14,7	295	4,7	28	37	0,57
15060G73030M60	3	6	15,5	385	3,11	36	47	0,86
15060G73030M61	3	10	18,1	515	1,84	50	65	1,43
15060G73030M62	3	16	20,9	730	1,16	67	87	2,29
15060G73030M63	3	25	24,6	1090	0,734	89	110	3,58
15060G73030M64	3	35	27,4	1480	0,529	110	137	5,01
15060G73030M65	3	50	30,2	1900	0,391	137	167	7,15
15060G73030M66	3	70	33,6	2615	0,27	169	214	10,0
15060G73030M67	3	95	39,1	3495	0,195	205	259	13,6
15060G73030M68	3	120	42,7	4370	0,154	237	301	17,2
15060G73030M69	3	150	46,3	5195	0,126	272	347	21,5
15060G73030M70	3	185	51,9	6610	0,1	311	397	26,5
15060G73030M71	3	240	58,5	8525	0,0762	365	468	34,3
15060G73030M72	3	300	66,5	10340	0,0607	421	540	42,9
15060G73040M15	4	1,5	12,7	220	12,2	16	20	0,21
15060G73040M25	4	2,5	13,9	275	7,56	21	28	0,36
15060G73040M40	4	4	16,0	370	4,7	28	37	0,57
15060G73040M60	4	6	16,9	480	3,11	36	47	0,86
15060G73040M61	4	10	19,8	660	1,84	50	65	1,43
15060G73040M62	4	16	22,9	940	1,16	67	87	2,29
15060G73040M63	4	25	27,0	1405	0,734	89	110	3,58
15060G73040M64	4	35	30,0	1905	0,529	110	137	5,01
15060G73040M65	4	50	33,3	2455	0,391	137	167	7,15
15060G73040M66	4	70	36,9	3390	0,27	169	214	10,0
15060G73040M67	4	95	43,0	4540	0,195	205	259	13,6
15060G73040M68	4	120	47,1	5675	0,154	237	301	17,2
15060G73040M69	4	150	51,0	6755	0,126	272	347	21,5
15060G73040M70	4	185	57,5	8670	0,1	311	397	26,5
15060G73040M71	4	240	64,7	11155	0,0762	365	468	34,3
15060G73050M15	5	1,5	13,8	270	12,2	13	NOT LISTED	0,21
15060G73050M25	5	2,5	15,1	340	7,56	23	NOT LISTED	0,36
15060G73050M40	5	4	17,8	465	4,7	29	NOT LISTED	0,57
15060G73050M60	5	6	18,6	600	3,11	30	NOT LISTED	0,86
15060G73050M61	5	10	21,8	815	1,84	42	NOT LISTED	1,43
15060G73050M62	5	16	25,2	1165	1,16	56	NOT LISTED	2,29
15060G73050M63	5	25	30,2	1760	0,734	74	NOT LISTED	3,58
15060G7C070M15	7	1,5	15,0	330	12,2	12	NOT LISTED	0,21
15060G7C070M25	7	2,5	16,5	425	7,56	20	NOT LISTED	0,36
15060G7C120M15	12	1,5	19,9	545	12,2	10	NOT LISTED	0,21
15060G7C120M25	12	2,5	22,0	705	7,56	17	NOT LISTED	0,36
15060G7C190M15	19	1,5	23,4	805	12,2	9	NOT LISTED	0,21
15060G7C190M25	19	2,5	25,9	1050	7,56	15	NOT LISTED	0,36
15060G7C270M15	27	1,5	29,0	1340	12,2	8	NOT LISTED	0,21

CCI BU 0.6/1 KV

FIRE RESISTANT, UNARMoured. 0.6/1 KV, P110.

CCI BU 0,6/1 KV



EK Part No.	No. Of Cores	Conductor Size (mm ²)	Overall Diameter Ø (mm)	Cable Weight (Kgs/Km)	Conductor Resistance @20°C (Ω/Km)	Current Carrying Capacity (1) (Amps)	Current Carrying Capacity (2) (Amps)	Conductor Short Circuit Rating (250° for 1 second) (kA)
15060G7C270M25	27	2,5	31,4	1480	7,56	13	NOT LISTED	0,36
15060G7C370M15	37	1,5	32,0	1510	12,2	7	NOT LISTED	0,21
15060G7C370M25	37	2,5	35,5	1985	7,56	12	NOT LISTED	0,36
15060G72031M15	3G	1,5	11,7	180	12,2	20	23	0,21
15060G72031M25	3G	2,5	12,8	225	7,56	26	31	0,36
15060G72031M40	3G	4	14,7	295	4,7	34	43	0,57
15060G72031M60	3G	6	15,5	385	3,11	44	55	0,86
15060G72031M61	3G	10	18,1	515	1,84	61	75	1,43
15060G72031M62	3G	16	20,9	730	1,16	82	100	2,29
15060G72031M63	3G	25	24,6	1090	0,734	108	130	3,58
15060G72031M64	3G	35	27,4	1480	0,529	133	161	5,01
15060G72031M65	3G	50	30,2	1900	0,391	167	196	7,15
15060G72031M66	3G	70	33,6	2615	0,27	206	251	10,0
15060G72031M67	3G	95	39,1	3495	0,195	249	306	13,6
15060G72031M68	3G	120	42,7	4370	0,154	288	357	17,2
15060G72031M69	3G	150	46,3	5195	0,126	331	412	21,5
15060G72031M70	3G	185	51,9	6610	0,1	377	472	26,5
15060G72031M71	3G	240	58,5	8525	0,0762	444	558	34,3
15060G72031M72	3G	300	66,5	10340	0,0607	511	645	42,9
15060G72041M15	4G	1,5	12,7	220	12,2	16	20	0,21
15060G72041M25	4G	2,5	13,9	275	7,56	21	28	0,36
15060G72041M40	4G	4	16,0	370	4,7	28	37	0,57
15060G72041M60	4G	6	16,9	480	3,11	36	47	0,86
15060G72041M61	4G	10	19,8	660	1,84	50	65	1,43
15060G72041M62	4G	16	22,9	940	1,16	67	87	2,29
15060G72041M63	4G	25	27,0	1405	0,734	89	110	3,58
15060G72041M64	4G	35	30,0	1905	0,529	110	137	5,01
15060G72041M65	4G	50	33,3	2455	0,391	137	167	7,15
15060G72041M66	4G	70	36,9	3390	0,27	169	214	10,0
15060G72041M67	4G	95	43,0	4540	0,195	205	259	13,6
15060G72041M68	4G	120	47,1	5675	0,154	237	301	17,2
15060G72041M69	4G	150	51,0	6755	0,126	272	347	21,5
15060G72041M70	4G	185	57,5	8670	0,1	311	397	26,5
15060G72041M71	4G	240	64,7	11155	0,0762	365	468	34,3
15060G72051M15	5G	1,5	13,8	270	12,2	16	20	0,21
15060G72051M25	5G	2,5	15,1	340	7,56	21	28	0,36
15060G72051M40	5G	4	17,8	465	4,7	28	37	0,57
15060G72051M60	5G	6	18,6	600	3,11	36	47	0,86
15060G72051M61	5G	10	21,8	815	1,84	50	65	1,43
15060G72051M62	5G	16	25,2	1165	1,16	67	87	2,29
15060G72051M63	5G	25	30,2	1760	0,734	89	110	3,58

NOTE(S)

- ALL DIMENSIONS ARE SUBJECT TO A PRODUCTION TOLERANCE OF +/-10%.
- CURRENT CARRYING CAPACITY (1) IS TAKEN FROM IEC 60092-352, TABLE B.4, (90°C CONDUCTOR OPERATING AND 45°C AMBIENT TEMPERATURES)
- CURRENT CARRYING CAPACITY (2) IS TAKEN FROM IEC 60092-352, TABLE A.4, (90°C CONDUCTOR OPERATING AND 45°C AMBIENT TEMPERATURES).
- CABLES INCLUDING AN EARTH WIRE ARE DENOTED WITH A G, AND FOR CURRENT RATINGS, ASSUMPTIONS ARE MADE REGARDING THE NUMBER OF 'LOADED' CORES.
- CABLES WITH 5 OR MORE CORES ARE CALCULATED USING THE FORMULA WHERE THE CURRENT CARRYING CAPACITY EQUALS THE CURRENT CAPACITY FOR A SINGLE CORE,