

Code: 6181B, 6182B, 6183B, 6184B, 6185B

Standards: BS 7211

Technical Data

Max. operating temperature : 90 °C
 Max. short circuit temperature : 250 °C (max. 5 sec.)
 Rated voltage : 450/750 V

Application

Fixed installation in walls, on boards and in channels or embedded in plaster. Low smoke emission and corrosive gasses in case of fire.

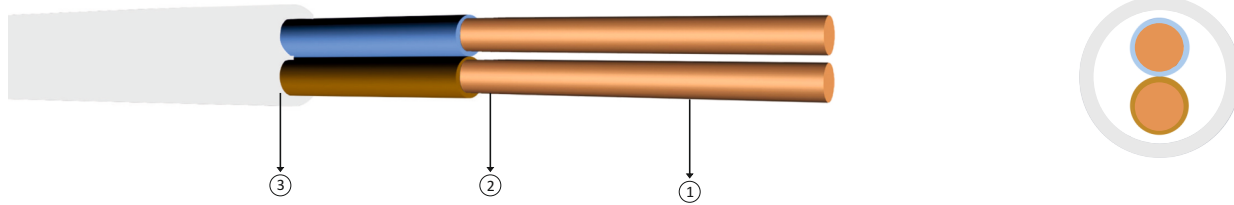
RE : Single conductor wire
 RM : Stranded Conductor

Construction

- 1 Solid or stranded copper conductors
- 2 XLPE insulation
- 3 HFFR sheath

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES		
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20° C Max	Current Carrying Capacity
mm ²	mm	kg/km	m	ohm/km	A
1x1	4,1	26	1000	18,1	23
1x1,5	4,4	32	1000	12,1	32
1x2,5	4,7	42	1000	7,41	42
1x4	5,4	61	1000	4,61	56
1x6	5,9	80	1000	3,08	71
1x10	6,7	122	1000	1,83	96
2x1	8,3	98	1000	18,1	23
2x1,5	8,7	115	1000	12,1	32
2x2,5	9,5	146	1000	7,41	42
2x4	10,4	192	1000	4,61	56
2x6	11,4	244	1000	3,08	71
3x1	8,7	110	1000	18,1	17
3x1,5	9,2	130	1000	12,1	24
3x2,5	10,0	169	1000	7,41	32
3x4	11,0	228	1000	4,61	42
3x6	12,0	296	1000	3,08	53

XLPE insulated, solid or stranded copper conductors, installation cables



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DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES		
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20° C Max	Current Carrying Capacity
mm ²	mm	kg/km	m	ohm/km	A
4x1	9,3	129	1000	18,1	17
4x1,5	9,9	155	1000	12,1	24
4x2,5	10,8	204	1000	7,41	32
4x4	12,0	280	1000	4,61	42
4x6	13,5	380	1000	3,08	53
5x1	10,0	151	1000	18,1	13
5x1,5	10,7	182	1000	12,1	24
5x2,5	11,7	242	1000	7,41	32
5x4	13,4	348	1000	4,61	42
5x6	15,0	472	1000	3,08	53
2x10	13,4	369	1000	1,83	96
3x10	14,6	471	1000	1,83	73
4x10	15,9	586	1000	1,83	73
5x10	17,3	707	1000	1,83	73