



Code: 6181Y, 6192Y, 6193Y

Standards: BS 6004

Technical Data

Max. operating temperature : 70 °C
 Max. short circuit temperature : 160 °C (max. 5 sec.)
 Rated voltage : 300/500 V

Application

Fixed installation in dry or damp areas for domestic and light industrial wiring. Also used in connection to (smart)meters.

RE : Solid conductor
 RM : Stranded Conductor

Construction

- 1 Solid or stranded copper conductors
- 2 PVC insulation
- 3 PVC outer jacket

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 RE	3,9	26	1000	18,1	16
1x1,5 RE	4,4	34	1000	12,1	20
1x2,5 RE	4,9	47	1000	7,41	27
1x4 RM	5,9	70	1000	4,61	34
1x6 RM	6,4	92	1000	3,08	44
1x10 RM	7,7	140	1000	1,83	61
1x16 RM	8,9	206	1000	1,15	82
1x25 RM	10,7	313	1000	0,727	120
1x35 RM	11,7	406	1000	0,524	150
2x1 RE	6,5x4,1	51	1000	18,1	16
2x1,5 RE	7,3x4,6	67	1000	12,1	20
2x2,5 RE	8,7x5,3	99	1000	7,41	27
2x4 RM	10,1x6,1	140	1000	4,61	34
2x6 RM	11,5x6,8	191	1000	3,08	44
2x10 RM	14,2x8,3	300	1000	1,83	61
2x16 RM	16,3x9,5	436	1000	1,15	82
2x1,5 RM	7,7x4,7	71	1000	12,1	20
2x2,5 RM	9,1x5,6	104	1000	7,41	27
3x1 RE	8,8x4,1	74	1000	18,1	16
3x1,5 RE	10,1x4,6	98	1000	12,1	20
3x2,5 RE	12x5,3	145	1000	7,41	27
3x4 RM	14,2x6,1	213	1000	4,61	34
3x6 RM	16,1x6,8	283	1000	3,08	44
3x10 RM	20,1x8,3	446	1000	1,83	61
3x16 RM	23,2x9,5	650	1000	1,15	82