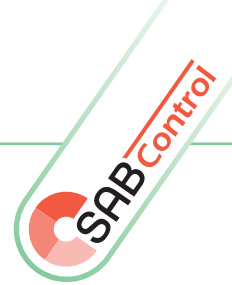


Halogen-free Cables

SABIX® A 156 S wiring cable with improved fire performance 450/750 V

SABIX® A 156 FRNC wiring cable with improved fire performance and extended temperature range 450/750 V



BRÜCKSKES · D-VIERSEN · SABIX® A 156 S 450/750 V 1,5 mm² CE

Marking for SABIX® A 156 S 81560182:

SAB BRÜCKSKES · D-VIERSEN · SABIX® A 156 S 450/750 V 1,5 mm² CE

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	SABIX®
Colour code:	see table*

Outstanding features:



- halogen-free
- no flame propagation
- flame retardant and self-extinguishing
- very good stripping
- flexible

Technical Data:

Nominal voltage:	U ₀ /U 450/750 V	
Testing voltage:	2500 V	
Min. bending radius:	7,5 x d	
For one single bend:	5 x d	
Temperature range	SABIX® A 156 S:	SABIX® A 156 FRNC:
<i>fixed laying:</i>	-30/+70 °C	-40/+90 °C
<i>flexible application:</i>	-20/+70 °C	-30/+90 °C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1	
Fire performance:	no flame propagation acc. to IEC 60332-3-24 + VDE 0482-332-3-24 resp. IEC 60332-3-25 + VDE 0482-332-3-25 cat. C resp. D, see chapter N „Technical Data“. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2	
Corrosiveness of conflagration gases:	in compliance with IEC 60754-2 + VDE 0482-754-2 - no development of corrosive conflagration gases	
Smoke density:	acc. to IEC 61034 + VDE 0482-1034	
Flexibility:	good	
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical Data“	

A
13

SABIX® A 156 S

item no.	nominal cross-section mm ²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
8156 .. 80*	1,00	0,21	2,7	9,6	16
8156 .. 82*	1,50	0,26	3,0	14,4	21
8156 .. 84*	2,50	0,26	3,6	24,0	32
8156 .. 86*	4,00	0,31	4,2	38,4	48
8156 .. 87*	6,00	0,31	4,7	57,6	67
8156 .. 88*	10,00	0,41	7,0	96,0	125
8156 .. 89*	16,00	0,41	8,0	153,6	181
8156 .. 90*	25,00	0,41	9,9	240,0	291
8156 .. 91*	35,00	0,41	11,1	336,0	393
8156 .. 92*	50,00	0,41	12,6	480,0	563
8156 .. 93*	70,00	0,41	14,8	672,0	750
8156 .. 94*	95,00	0,51	18,2	912,0	1033
8156 .. 95*	120,00	0,51	19,7	1152,0	1240
8156 .. 96*	150,00	0,51	21,8	1440,0	1542
8156 .. 97*	185,00	0,51	23,2	1776,0	1864
8156 .. 98*	240,00	0,51	26,9	2304,0	2505
8156 .. 99*	300,00	0,51	30,0	2880,0	3123

Other dimensions and colours are possible on request.

SABIX® A 156 FRNC

item no.	nominal cross-section mm ²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
6156 .. 82*	1,50	0,26	3,0	14,4	20
6156 .. 84*	2,50	0,26	3,6	24,0	32
6156 .. 86*	4,00	0,31	4,2	38,4	48
6156 .. 87*	6,00	0,31	4,7	57,6	67
6156 .. 88*	10,00	0,41	6,3	96,0	117
6156 .. 89*	16,00	0,41	8,0	153,6	181
6156 .. 90*	25,00	0,41	9,9	240,0	292
6156 .. 91*	35,00	0,41	11,1	336,0	394
6156 .. 92*	50,00	0,41	12,6	480,0	563
6156 .. 93*	70,00	0,41	14,8	672,0	751
6156 .. 94*	95,00	0,51	18,2	912,0	1034
6156 .. 95*	120,00	0,51	19,7	1152,0	1241
6156 .. 96*	150,00	0,51	21,8	1440,0	1544
6156 .. 97*	185,00	0,51	23,2	1776,0	1866
6156 .. 98*	240,00	0,51	26,9	2304,0	2507
6156 .. 99*	300,00	0,51	30,0	2880,0	3125

Other dimensions and colours are possible on request.

* Colour code for single conductors, position 5 and 6 of the item no.:

01 = black	07 = violet
02 = blue	08 = white
03 = brown	09 = orange
04 = grey	11 = red
05 = yellow	16 = gentian blue
06 = green	27 = green-yellow



On request with
tinned copper strands