



**SABIX® A 156 S** Wiring cable 450/750 V

**SABIX® A 156 FRNC** Wiring cable with extended temperature range 450/750 V



Marking for SABIX A 156 S 81560182:  
SAB BRÖCKSKES · D-VIERSEN · SABIX A 156 S 450/750 V 1,5 mm² CE

**A  
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## Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
<b>Insulation:</b>	SABIX®
<b>Colour code:</b>	coloured

## Outstanding features:

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

## Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 450/750 V	
<b>Testing voltage:</b>	2500 V	
<b>Min. bending radius:</b>	7,5 x d	
<b>For one single bend:</b>	5 x d	
<b>Temperature range</b>	<b>SABIX® A 156 S:</b>	<b>SABIX® A 156 FRNC:</b>
<i>fixed laying:</i>	-30/+70 °C	-40/+90 °C
<i>flexible application:</i>	-20/+70 °C	-30/+90 °C
<b>Halogen-free:</b>	acc. to DIN VDE 0472 part 815 + IEC 60754-1	
<b>Fire performance:</b>	no flame propagation acc. to IEC 60332 + EN 60332 cat. C resp. D (see page N/19). Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2	
<b>Corrosiveness of conflagration gases:</b>	in compliance with IEC 60754-2 + EN 50267-2-2 + VDE 0482 part 267-2-2 - no development of corrosive conflagration gases	
<b>Smoke density:</b>	acc. to IEC 61034 + EN 61034	
<b>Flexibility:</b>	good	
<b>Weather resistance:</b>	<b>SABIX® A 156 FRNC:</b> good	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/17	

## SABIX® A 156 S

item no.	nominal cross-section mm <sup>2</sup>	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 <sup>2</sup>	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:

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



**On request  
with tinned  
copper strands**