

Power chain for UL/CSA application

연속적인 움직임 / PVC – PVC 싱글코어 / 306 mm² 까지 **S 900**

RoHS



Marking for S 900 07671161
SAB BRÖCKSKES D-VIERSEN S 900 10,0 mm² 8AWG AWM Style
10455 90°C 600V E172204 CSA AWM I/II A / B 90 600V FT1 FT2 CE

Construction (케이블구성)

Conductor (도체)	bare copper strands acc. to DIN VDE 0295 class 6 + IEC 60228 class 6 + HD 383 class 6
Insulation (내피재질)	PVC, TI 2 acc. to DIN VDE 0281 part 1 + HD 21.1
Wrapping	non-woven tape
Sheath material (외피재질)	PVC TM5 acc. to DIN VDE 0281 part 1 + HD 21.1
Sheath colour (외피색상)	black(RAL 9005)

Outstanding features (특징)

- ▶ highly flexible single conductor for use in cable tracks
(파워체인용 초유연성 케이블)

Technical data (기술사항)

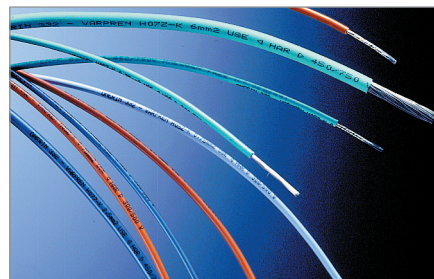
Nominal voltage (사용전압)	DIN VDE : U ₀ /U 0,6/1 kV
Voltage (규정전압)	UL/CSA : 600V
Min. bending radius (곡률반경) continuously flexible	7,5 x d
Radiation resistance (내방사성)	8 x 10 ⁷ cJ/kg
Temperature range (사용온도) fixed laying flexible application	DIN VDE -40 / +70°C UL/CSA : up to +90°C + 5 / +70°C
Fire performance (내화성관련)	flame retardant and self-extinguishing acc. to UL VW-1 + IEC 60332-1 + CSA FT1 and FT2
Oil resistance (내유성)	very good – PVC TM5 acc. to DIN VDE 0281 part 1 + HD21.1
Absence of harmful substances	acc tp. RoHS-guideline 2002 / 95 / EG as well as GefStoffv appendix IV-no. 24

item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	AWG/ MCM	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km	ampere at 30°C
07671315	1 x 1,50	0,15	16 (84/34)	4,9	14,4	38	24
07671325	1 x 2,50	0,15	14 (140/34)	5,8	24,0	55	32
07671340	1 x 4,00	0,15	12 (224/34)	6,6	38,4	77	42
07671360	1 x 6,00	0,20	10 (192/32)	7,3	57,6	104	54
07671361	1 x 10,00	0,20	8 (320/32)	9,1	96,0	161	73
07671362	1 x 16,00	0,20	6 (512/32)	10,1	153,6	231	98
07671363	1 x 25,00	0,20	4 (798/32)	12,0	240,0	337	129
07671364	1 x 35,00	0,20	2 (1102/32)	13,7	336,0	454	158
07671365	1 x 50,00	0,30	1 (703/28)	15,8	480,0	632	198
07671385	1 x 54,00	0,30	1/0 (764/28)	16,3	518,4	677	213
07671386	1 x 68,00	0,30	2/0 (966/28)	17,8	652,8	831	226
07671366	1 x 70,00	0,30	(988/28)	17,8	672,0	847	245
07671387	1 x 86,00	0,30	3/0 (1218/28)	19,7	825,6	1036	263
07671367	1 x 95,00	0,30	(1340/28)	21,0	912,0	1146	292
07671388	1 x 108,00	0,30	4/0 (1528/28)	22,5	1036,8	1286	313
07671368	1 x 120,00	0,30	(1680/28)	22,8	1152,0	1401	344
07671389	1 x 127,00	0,30	250 MCM (1799/28)	23,3	1220,8	1490	370
07671369	1 x 150,00	0,30	250 MCM (2122/28)	24,6	1440,0	1724	391
07671390	1 x 152,00	0,30	300 MCM (2154/28)	24,6	1461,7	1724	396
07671391	1 x 177,00	0,40	350 MCM (1443/26)	26,7	1740,8	2051	430
07671370	1 x 185,00	0,40	(1472/26)	26,7	1776,0	2085	448
07671392	1 x 204,00	0,40	400 MCM (1628/26)	30,4	1964,0	2411	470
07671393	1 x 232,00	0,40	450 MCM (1850/26)	31,5	2231,8	2693	490
07671371	1 x 240,00	0,40	(1910/26)	31,5	2304,0	2763	528
07671394	1 x 255,00	0,40	500 MCM (2035/26)	31,8	2455,0	2920	535
07671395	1 x 283,00	0,40	550 MCM (2257/26)	33,6	2722,8	3399	560
07671372	1 x 300,00	0,40	(2388/26)	34,3	2880,0	3403	608
07671396	1 x 306,00	0,40	600 MCM (2442/26)	34,3	2946,0	3466	613

from 283 mm² only UL approval.
Other dimensions and colours are possible on request.



**On request with
green-yellow insulation**



Thomas Cable