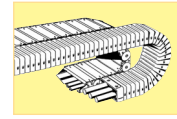


Power chain for UL/CSA application



S 900 P 연속적인 움직임 / PVC – PUR 싱글코어 / 306mm² 까지

8 AWG AWM Style 10456 80°C 600V CSA AWM I/II A/B 80°C CE RoHS

RoHS

Marking for S 900 P 07681161

SAB BRÖCKSKES D-VIERSEN S 900 P 10,0 mm² 8 AWG

AWM Style 10456 80°C 600V CSA AWM I/II A/B 80°C 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)	PUR TPU acc. to DIN VDE 0281 part 1 + HD 21,1
Sheath colour (외피색상)	black(RAL 9005)

Outstanding features (특징)

- ▶ highly flexible single conductor (케이블 트랙용으로 사용할 수 있는 for use in cable tracks 매우 유연한 싱글 케이블)
- ▶ good chemical resistance (뛰어난 내화학성)
- ▶ high abrasion resistance (탁월한 내마모성)

Technical data (기술사항)

Nominal voltage (사용전압)	DIN VDE : U ₀ /U 0,6/1kV
Voltage (규정전압)	UL/CSA : 600V
Min. bending radius (곡률반경) continuously flexible	7,5 x d
Radiation resistance (내방사성)	5 x 10 ³ cJ/kg
Temperature range (사용온도) fixed laying flexible application	DIN VDE : -40 / +70°C UL/CSA : up to +80°C + 5 / +70°C
Fire performance (내화성관련)	flame retardant and self-extinguishing acc. to UL +CSA FT1 and FT2
Oil resistance (내유성)	very good – PUR TPU acc. to DIN VDE 0282 part 10 + HD22,10
Chem. resistance (내화학성관련)	good against acids, alkalines, solvents, hydraulic liquids etc.
Continuous flexibility	very good
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 mm²	largest single wire ø mm	AWG/ MCM	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km	ampere at 30°C
07681315	1 x 1,50	0,15	16 (84/34)	5,6	14,4	45	24
07681325	1 x 2,50	0,15	14 (140/34)	6,5	24,0	63	32
07681340	1 x 4,00	0,15	12 (224/34)	7,3	38,4	86	42
07681360	1 x 6,00	0,20	10 (192/32)	8,0	57,6	114	54
07681361	1 x 10,00	0,20	8 (320/32)	9,8	96,0	173	73
07681362	1 x 16,00	0,20	6 (512/32)	10,8	153,6	245	98
07681363	1 x 25,00	0,20	4 (798/32)	12,7	240,0	353	129
07681364	1 x 35,00	0,20	2 (1102/32)	14,0	336,0	459	158
07681365	1 x 50,00	0,30	1 (703/28)	16,1	480,0	638	198
07681385	1 x 54,00	0,30	1/0 (764/28)	16,6	518,4	683	213
07681386	1 x 68,00	0,30	2/0 (966/28)	18,1	652,8	838	226
07681366	1 x 70,00	0,30	(988/28)	18,1	672,0	854	245
07681387	1 x 86,00	0,30	3/0 (1218/28)	20,0	825,6	1044	263
07681367	1 x 95,00	0,30	(1340/28)	21,0	912,0	1140	292
07681388	1 x 108,00	0,30	4/0 (1528/28)	22,5	1036,8	1279	313
07681368	1 x 120,00	0,30	(1680/28)	22,8	1152,0	1394	344
07681389	1 x 127,00	0,30	250 MCM (1799/28)	23,3	1220,8	1483	370
07681369	1 x 150,00	0,30	250 MCM (2122/28)	24,6	1440,0	1716	391
07681390	1 x 152,00	0,30	300 MCM (2154/28)	24,6	1461,7	1716	396
07681391	1 x 177,00	0,40	350 MCM (1443/26)	26,7	1740,8	2043	430
07681370	1 x 185,00	0,40	(1472/26)	26,7	1776,0	2077	448
07681392	1 x 204,00	0,40	400 MCM (1628/26)	30,4	1964,0	2399	470
07681393	1 x 232,00	0,40	450 MCM (1850/26)	31,5	2231,8	2680	490
07681371	1 x 240,00	0,40	(1910/26)	31,5	2304,0	2750	528
07681394	1 x 255,00	0,40	500 MCM (2035/26)	31,8	2455,0	2907	535
07681395	1 x 283,00	0,40	550 MCM (2257/26)	33,6	2722,8	3385	560
07681372	1 x 300,00	0,40	(2388/26)	34,3	2880,0	3389	608
07681396	1 x 306,00	0,40	600 MCM (2442/26)	34,3	2946,0	3451	613

Other dimensions and colours are possible on request.