

MEGAFLEX® 500 halogen-free, flame retardant, oil-resistant, UV-resistant, flexible, meter marking



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기술사항

- DIN VDE 0281 part 14 할로겐불포함 제어용 케이블
- 온도범위
이송시 -30°C ~ +80°C
고정 설치시 -40°C ~ +80°C
- 정격전압 U₀/U 300/500 V
- 시험 전압 3000 V
- 최소 곡률 반경
이송시 10 × cable ø
고정 설치시 4 × cable ø
- 유연성
Alternate bending test according to DIN VDE 0281-2

케이블 구조

- 미세동선 집합 연선, DIN VDE 0295 cl.5 및 IEC 60228 cl.5 규격
- 할로겐 불포함 특수폴리머 코어 절연
- 흑색 코어 외피에 백색 연속 번호 DIN VDE 0293
- 바깥층(3코어 이상)에 황-녹색 접지선
- 코어 최적 피치로 적층 연선
- 화색의 할로겐 불포함 폴리머 외피(RAL 7001)
- LSOH = Low Smoke Zero Halogen-free

특징

- 할로겐 불포함
- 오일 저항 VDE 0473 part 81-2-1
- 오존 저항 DIN EN 60811-2-1/DIN VDE 1281-2
- UV, 가수분해, 날씨등의 저항
- 화염검사 DIN VDE 0482 part 266-2-4/BS 4066 part 3/ EN 50266-2/ IEC 60332-3-24 및 DIN VDE 0472 part 804 시험방법 C
- 자체소화성 및 난연성
DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1(Conforms to DIN VDE 0472 Part 804 Test method B)
- 연소가스 부식성 검사
NF X 10-702
- 연기농도시험, DIN VDE 0482 part 1034-1+2, DIN EN 61034-1+2/IEC -1+2, BS 7622 part 1+2(DIN VDE 0472 part 816)
- 할로겐 불포함 검사, DIN VDE 0482 part 267/ EN 50267-2-1/ IEC 60754-1 및 DIN VDE 0472 part 815
- 연기농도시험, DIN VDE 0482 part 1034-1+2, HD606, DIN EN

용도

- 고정 설치용 후레시를 케이블로서 기계류나 플랜트의 측정 도구 및 콘트롤용으로 적합. 빌딩과 냉각 시스템, 자동창고, 컨베이어 시스템 뿐만아니라 선박이나 WIND POWER 발전등에 적합함.
특히 공공건물이나, 공항, 기차역 등과 같이 화재시 인명의 피해가 많은 곳에 매우 적합함.
- CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG

Part No.	No. cores x cross-sec. mm ²	Outer ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.	Part No.	No. cores x cross-sec. mm ²	Outer ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
13344	2 x 0,5	4,8	9,6	43,0	20	13352	8 G 0,5	8,0	38,0	101,0	20
13345	3 G 0,5	5,1	14,4	50,0	20	13353	10 G 0,5	8,8	48,0	121,0	20
13346	3 x 0,5	5,1	14,4	50,0	20	13354	12 G 0,5	9,1	58,0	142,0	20
13347	4 G 0,5	5,7	19,0	60,0	20	13355	16 G 0,5	10,0	76,0	183,0	20
13348	4 x 0,5	5,7	19,0	60,0	20	13356	18 G 0,5	10,7	86,0	204,0	20
13349	5 G 0,5	6,2	24,0	71,0	20	13357	20 G 0,5	11,2	96,0	227,0	20
13350	5 x 0,5	6,2	24,0	71,0	20	13359	25 G 0,5	12,7	120,0	283,0	20
13351	7 G 0,5	7,4	33,6	84,0	20	13360	30 G 0,5	13,5	144,0	324,0	20

Dimensions and specifications may be changed without prior notice. (RA03)

Continuation ▶

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UV-resistant, flexible, meter marking

Part No.	No. cores x cross-sec. mm²	Outer ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.	Part No.	No. cores x cross-sec. mm²	Outer ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
13361	34 G 0,5	14,5	163,0	367,0	20	13433	2 x 2,5	7,6	48,0	118,0	14
13362	37 G 0,5	15,0	178,0	381,0	20	13434	3 G 2,5	8,3	72,0	151,0	14
13363	41 G 0,5	15,8	197,0	417,0	20	13435	4 G 2,5	9,1	96,0	181,0	14
13364	42 G 0,5	15,8	202,0	454,0	20	13436	5 G 2,5	10,2	120,0	224,0	14
13365	50 G 0,5	17,3	240,0	519,0	20	13437	7 G 2,5	12,1	168,0	316,0	14
13366	61 G 0,5	19,4	293,0	635,0	20	13438	8 G 2,5	13,2	192,0	370,0	14
13367	65 G 0,5	19,4	312,0	694,0	20	13439	10 G 2,5	14,7	240,0	451,0	14
13368	2 x 0,75	5,2	14,4	47,0	19	13440	12 G 2,5	15,2	288,0	499,0	14
13369	3 G 0,75	5,5	21,6	56,0	19	13441	16 G 2,5	17,5	384,0	720,0	14
13370	3 x 0,75	5,5	21,6	56,0	19	13442	18 G 2,5	18,1	432,0	769,0	14
13371	4 G 0,75	6,2	29,0	69,0	19	13443	20 G 2,5	18,7	480,0	911,0	14
13372	4 x 0,75	6,2	29,0	69,0	19	13444	25 G 2,5	22,2	600,0	1047,0	14
13373	5 G 0,75	6,8	36,0	83,0	19	13445	30 G 2,5	23,7	720,0	1280,0	14
13374	5 x 0,75	6,8	36,0	83,0	19	13446	2 x 4	9,2	77,0	199,0	12
13375	7 G 0,75	8,1	50,0	114,0	19	13447	3 G 4	9,9	115,0	247,0	12
13376	7 x 0,75	8,1	50,0	114,0	19	13448	4 G 4	11,0	154,0	299,0	12
13377	8 G 0,75	8,9	58,0	136,0	19	13449	5 G 4	12,1	192,0	369,0	12
13378	10 G 0,75	9,6	72,0	172,0	19	13450	7 G 4	13,3	269,0	463,0	12
13379	12 G 0,75	9,9	86,0	183,0	19	13451	8 G 4	15,9	307,0	601,0	12
13380	16 G 0,75	11,5	115,0	241,0	19	13452	10 G 4	17,3	384,0	698,0	12
13381	18 G 0,75	11,9	130,0	266,0	19	13453	12 G 4	18,3	461,0	790,0	12
13382	20 G 0,75	12,6	144,0	291,0	19	13454	16 G 4	20,2	614,0	1130,0	12
13383	25 G 0,75	14,1	180,0	374,0	19	13455	18 G 4	21,8	691,0	1280,0	12
13384	30 G 0,75	15,4	216,0	450,0	19	13456	2 x 6	10,8	115,0	266,0	10
13385	34 G 0,75	16,4	245,0	517,0	19	13457	3 G 6	11,7	173,0	360,0	10
13386	37 G 0,75	17,2	260,0	541,0	19	13458	4 G 6	13,0	230,0	429,0	10
13387	41 G 0,75	17,6	296,0	611,0	19	13459	5 G 6	14,5	288,0	529,0	10
13388	42 G 0,75	17,6	302,0	621,0	19	13460	7 G 6	16,0	403,0	631,0	10
13389	50 G 0,75	19,8	360,0	742,0	19	13461	2 x 10	14,0	192,0	440,0	8
13390	61 G 0,75	20,9	439,0	853,0	19	13462	3 G 10	15,0	288,0	550,0	8
13392	65 G 0,75	21,5	468,0	909,0	19	13463	4 G 10	16,8	384,0	708,0	8
13393	2 x 1	5,5	19,2	63,0	18	13464	5 G 10	18,7	480,0	862,0	8
13394	3 G 1	6,0	29,0	74,0	18	13465	7 G 10	20,6	672,0	1124,0	8
13395	3 x 1	6,0	29,0	74,0	18	13466	2 x 16	16,5	307,0	642,0	6
13396	4 G 1	6,6	38,4	90,0	18	13467	3 G 16	17,6	461,0	830,0	6
13397	4 x 1	6,6	38,4	90,0	18	13468	4 G 16	19,7	641,0	1060,0	6
13398	5 G 1	7,2	48,0	109,0	18	13469	5 G 16	21,9	768,0	1270,0	6
13399	7 G 1	8,6	67,0	151,0	18	13470	7 G 16	24,4	1075,0	1794,0	6
13400	8 G 1	9,4	77,0	184,0	18	13471	3 G 25	22,5	720,0	1190,0	4
13401	10 G 1	10,4	96,0	224,0	18	13472	4 G 25	25,2	960,0	1594,0	4
13402	12 G 1	10,7	115,0	243,0	18	13473	5 G 25	27,9	1200,0	2014,0	4
13403	16 G 1	12,0	154,0	314,0	18	13474	3 G 35	25,2	1008,0	1590,0	2
13404	18 G 1	12,7	173,0	361,0	18	13475	4 G 35	28,0	1344,0	2200,0	2
13405	20 G 1	13,5	192,0	387,0	18	13476	5 G 35	31,0	1680,0	2693,0	2
13406	25 G 1	15,2	240,0	496,0	18	13477	3 G 50	29,5	1440,0	2571,0	1
13407	34 G 1	17,4	326,0	670,0	18	13478	4 G 50	33,4	1920,0	3087,0	1
13408	37 G 1	18,4	355,0	713,0	18	13479	5 G 50	37,2	2400,0	3980,0	1
13409	41 G 1	18,9	394,0	784,0	18	13480	3 G 70	37,0	2016,0	3207,0	2/0
13410	42 G 1	18,9	403,0	824,0	18	13481	4 G 70	41,2	2688,0	4077,0	2/0
13411	50 G 1	21,0	480,0	952,0	18	13482	5 G 70	46,0	3360,0	5501,0	2/0
13412	61 G 1	22,2	586,0	1140,0	18	13483	3 G 95	41,0	2736,0	4708,0	3/0
13413	65 G 1	22,8	628,0	1201,0	18	13484	4 G 95	46,0	3648,0	5590,0	3/0
13414	2 x 1,5	6,3	29,0	70,0	16	13485	5 G 95	50,5	4560,0	6972,0	3/0
13415	3 G 1,5	6,7	43,0	94,0	16	13486	3 G 120	45,7	3456,0	5515,0	4/0
13416	3 x 1,5	6,7	43,0	94,0	16	13487	4 G 120	50,3	4608,0	7100,0	4/0
13417	4 G 1,5	7,3	58,0	112,0	16	13488	3 G 150	52,2	4320,0	6279,0	300 kcmil
13418	5 G 1,5	8,2	72,0	141,0	16	13489	4 G 150	57,0	5760,0	7781,0	300 kcmil
13419	7 G 1,5	9,8	101,0	191,0	16						
13420	8 G 1,5	10,6	115,0	224,0	16						
13421	10 G 1,5	11,7	144,0	282,0	16						
13422	12 G 1,5	12,1	173,0	311,0	16						
13423	16 G 1,5	13,6	230,0	392,0	16						
13425	18 G 1,5	14,5	259,0	450,0	16						
13426	20 G 1,5	15,2	288,0	497,0	16						
13427	25 G 1,5	17,8	360,0	630,0	16						
13428	34 G 1,5	19,8	490,0	842,0	16						
13429	37 G 1,5	20,2	533,0	897,0	16						
13430	50 G 1,5	23,7	720,0	1277,0	16						
13431	61 G 1,5	25,3	878,0	1460,0	16						
13432	65 G 1,5	26,0	936,0	1612,0	16						

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