

JZ 604-FCY TC TRAY CABLE

PVC power cable, exposed
run, screened, 90°C, 600V, EMC-preferred type, meter marking



HELUKABEL JZ-604 FCY TC-ER MTW UL 1277 18AWG / 1 QMM 7C 600V 90C DRY 75C WET SUN RES
DIR BUR FT4 OR AWN STYLE 2587 CSA AWM I/II A/B 90C FT4 600V LL113926 CE



기술사항

- UL-standard 1277 규격의 TRAY 케이블
- AWM-Style 2587 to UL Std.758 과 CSA C22.2 No 210.2 I/II A/B 90C 600V
- 온도범위
건조할때
이송시 -5°C ~ +90°C
고정 설치시 -25°C ~ +90°C
습기있을때
이송시 -5°C ~ +75°C
고정 설치시 -25°C ~ +75°C
- 정격전압 UL 600 V
- 절연 파괴전압 최소 6000 V
- 시험 전압 3000 V
- 절연저항
최소 20 MOhm x km
- 최소 곡률 반경 10 X cable ø
- 내 방사선 성능
최대 80x10⁶ cJ/kg(최대 80Mrad)
- 결함저항
최대 250 Ohm/km

케이블 구조

- 미세동선 집합 연선, DIN VDE 0295 cl.5 및 IEC 60228 cl.5 규격
- 특수PVC 코어 절연 class2 B to table TFF to UL-Std. 62 table 6.2(AWG 20-AWG16) THHW Type UL-Std.83 table 5.2(≥ AWG14)
- 흑색 코어 외피에 백색 연속 번호 DIN VDE 0293
- 바깥층(3코어 이상)에 황-녹색 접지선
- 코어 최적 피치로 적층 연선
- 특수 분리 foil
- 주석도금 구리 편조 실드.
실드율 85%
- UL-standard 1277 table 11.2의 흑색 특수 PVC외피 (RAL 9005)

특징

- UL-standard 1277의 자체 소화성 및 난연성
- 사용재질은 카드뮴, 실리콘등이 없는 무독성 소재로 락커의 습윤 특성을 저해하는 물질 없음

NOTE

- G : 황-녹 접지 포함
- × : 황-녹 접지 없음(OZ)
- EMC 특성을 최대화하기 위해서는 양단 실드 선을 넓게 감싸서 연결시킬 것

용도

- USA NFPA79 edition 2007 규정에 적합한 600V 후렉시를 파워 케이블로서 기계류나 플랜트에 적합. 건습한 실내와 파이프 안, 매설, 기계나 장치의 케이블 랙으로 부터 보호되지 않은 설치에 적합.
- EMC = Electromagnetic compatibility
- CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG

Part No.	No. cores x cross-sec. mm ²	AWG-no.	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	Part No.	No. cores x cross-sec. mm ²	AWG-no.	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km
69750	2 x 1	18	8,6	50,0	151,0	69778	2 x 2,5	14	10,0	96,0	269,0
69751	3 G 1	18	9,0	60,0	164,0	69779	3 G 2,5	14	10,5	144,0	294,0
69752	4 G 1	18	9,7	71,0	200,0	69780	4 G 2,5	14	11,4	148,0	341,0
69753	5 G 1	18	10,5	88,0	229,0	69781	5 G 2,5	14	12,4	181,0	420,0
69754	7 G 1	18	12,2	111,0	306,0	69782	7 G 2,5	14	15,3	255,0	551,0
69755	9 G 1	18	13,2	139,0	371,0	69783	8 G 2,5	14	16,5	285,0	583,0
69756	10 G 1	18	15,0	150,0	411,0	69784	9 G 2,5	14	16,5	309,0	593,0
69757	12 G 1	18	15,4	184,0	460,0	69785	10 G 2,5	14	17,9	340,0	631,0
69758	18 G 1	18	17,8	260,0	624,0	69786	12 G 2,5	14	18,4	441,0	847,0
69759	25 G 1	18	21,9	349,0	845,0	69787	18 G 2,5	14	22,4	570,0	1336,0
69760	34 G 1	18	24,5	486,0	984,0	69788	25 G 2,5	14	26,5	738,0	1921,0
69761	50 G 1	18	26,2	625,0	1096,0						
69762	2 x 1,5	16	9,0	63,0	161,0	69789	3 G 4	12	11,6	174,0	381,0
69763	3 G 1,5	16	9,4	80,0	181,0	69790	4 G 4	12	12,6	230,0	504,0
69764	4 G 1,5	16	10,2	97,0	240,0	69791	5 G 4	12	14,5	273,0	692,0
69765	5 G 1,5	16	11,1	119,0	274,0	69792	7 G 4	12	17,1	316,0	908,0
69766	7 G 1,5	16	12,9	147,0	367,0	69793	9 G 4	12	18,4	402,0	1104,0
69767	8 G 1,5	16	14,5	170,0	431,0	69794	12 G 4	12	20,5	507,0	1497,0
69768	9 G 1,5	16	14,5	182,0	437,0	69795	18 G 4	12	25,0	751,0	2104,0
69769	10 G 1,5	16	15,8	193,0	511,0						
69770	12 G 1,5	16	16,2	267,0	598,0	69796	3 G 6	10	13,8	240,0	623,0
69771	16 G 1,5	16	17,9	315,0	630,0	69797	4 G 6	10	15,1	305,0	729,0
69772	18 G 1,5	16	18,9	374,0	787,0	69798	5 G 6	10	16,4	439,0	1082,0
69773	25 G 1,5	16	22,3	526,0	1240,0	69799	7 G 6	10	18,0	505,0	1414,0
69774	34 G 1,5	16	24,9	629,0	1401,0						
69775	41 G 1,5	16	26,7	801,0	2671,0	69800	3 G 10	8	17,6	350,0	1108,0
69776	50 G 1,5	16	33,7	885,0	3614,0	69801	4 G 10	8	19,3	535,0	1324,0
69777	61 G 1,5	16	36,0	1100,0	4089,0	69802	5 G 10	8	22,1	592,0	1596,0
						69803	7 G 10	8	24,2	810,0	2186,0

Dimensions and specifications may be changed without prior notice. (RN01)