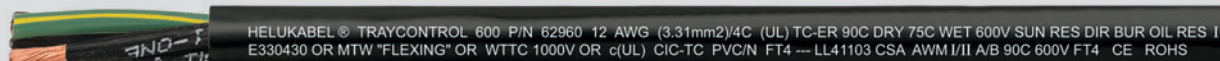


TRAYCONTROL 600 flexible, oil-resistant, open installation (TC-ER),

NFPA 79 Edition 2007



new



Technical data

- PVC-power cable according to UL Standard 1277
- **Temperature range**
UL / CSA TC -40 °C to +90 °C
UL / AWM -40 °C to +90 °C
- **Nominal voltage**
TC 600 V
AWM 1000 V
WTTC 1000 V
- **Test voltage**
3000 V
- **Minimum bending radius**
Approx. 5x cable ø
- **Insulation resistance**
Min. 20 MOhm x km
- **Radiation resistance**
up to 80x106 cJ/kg (up to 80 Mrad)

Cable structure

- Bare copper conductor, fine wire stranded with AWG dimensions
- Special PVC core insulation with transparent nylon skin
- Black cores with continuous white numbering
- Green-yellow earth core in the outer layer, 3 cores and more
- Cores stranded in layers with optimal lay-lengths
- Separator
- Special PVC outer jacket
- Sheath colour - black (RAL 9005)
- With length marking in feet

Properties

- Material self-extinguishing and flame retardant to UL-Standard in accordance CSA FT4
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers
- UV-resistant
- **Tests**
UL: TC-ER, PLTC-ER (AWG 18 - AWG 12), ITC-ER (AWG 18 - AWG 12), UL 1277, UL Type WTTC, UL Type MTW, NFPA 79 2007, Oil Res I (Oil Res II also available), 90° C dry / 75° C wet
CSA: c(UL) CIC-TC FT4
CSA AWM I/II A/B FT4

Note

- G = with green-yellow earth core
x = without earth core (OZ)

Advantages

- TC-ER, Tray Cable Exposed Run
- simple Installation
- outstanding flexibility

Application

USA NFPA79, edition 2007 conformant flexible power cables up to 600 V (WTTC 1000 V), for all machinery in tool and plant construction, suitable for installation in dry, humid and damp environments, in the open and in pipes. For underground installation and for open, unprotected installation from the cable rack to machines and industrial plants.

CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

Part no.	No. cores x cross-sec. mm²	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
62902	2 x 1	18	7,0	19,0	68,0
62903	3 G 1	18	7,1	29,0	88,0
62904	4 G 1	18	8,0	39,0	97,0
62905	5 G 1	18	8,6	48,0	116,0
62906	7 G 1	18	9,3	67,0	147,0
62907	9 G 1	18	10,7	86,0	186,0
62908	10 G 1	18	11,6	96,0	199,0
62909	12 G 1	18	11,9	115,0	250,0
62910	15 G 1	18	13,2	144,0	292,0
62911	16 G 1	18	13,3	154,0	306,0
62912	18 G 1	18	14,6	173,0	365,0
62913	19 G 1	18	14,7	182,0	384,0
62914	25 G 1	18	17,0	240,0	480,0
62915	27 G 1	18	17,4	259,0	521,0
62916	34 G 1	18	19,3	326,0	625,0
62940	34 G 1	16	20,5	431,0	775,0
62917	37 G 1	18	19,8	355,0	684,0
62941	40 G 1	16	22,9	507,0	946,0
62918	41 G 1	18	20,7	394,0	744,0
62942	41 G 1	16	23,4	519,0	967,0
62919	50 G 1	18	23,5	480,0	933,0
62920	61 G 1	18	24,9	586,0	1095,0
62970	2 x 6	10	11,9	115,0	213,0
62971	3 G 6	10	12,6	173,0	283,0
62972	4 G 6	10	14,7	230,0	387,0
62973	5 G 6	10	16,0	288,0	473,0
62974	7 G 6	10	17,4	403,0	607,0
62975	9 G 6	10	20,4	518,0	771,0
62976	12 G 6	10	23,9	691,0	1061,0
62977	19 G 6	10	27,9	1094,0	1528,0

Part no.	No. cores x cross-sec. mm²	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
62978	4 G 10	8	19,7	384,0	615,0
62979	5 G 10	8	21,7	480,0	768,0
62980	3 G 16	6	19,5	461,0	700,0
62981	4 G 16	6	21,9	614,0	907,0
62982	5 G 16	6	24,0	768,0	1100,0
62983	3 G 25	4	24,3	720,0	1061,0
62984	4 G 25	4	27,1	960,0	1366,0
62985	5 G 25	4	29,3	1200,0	1631,0
62986	3 G 35	2	27,9	1008,0	1480,0
62987	4 G 35	2	31,4	1344,0	1922,0
62988	5 G 35	2	34,0	1680,0	2360,0
62921	2 x 1,32	16	7,5	25,0	80,0
62922	3 G 1,32	16	7,8	38,0	86,0
62923	4 G 1,32	16	8,5	51,0	120,0
62924	5 G 1,32	16	9,3	63,0	130,0
62925	6 G 1,32	16	10,0	76,0	164,0
62926	7 G 1,32	16	10,1	89,0	188,0
62927	8 G 1,32	16	10,9	101,0	201,0
62928	9 G 1,32	16	11,7	114,0	238,0
62929	10 G 1,32	16	12,4	127,0	259,0
62930	12 G 1,32	16	12,9	152,0	301,0
62931	14 G 1,32	16	14,5	177,0	356,0
62932	15 G 1,32	16	15,0	190,0	379,0
62933	16 G 1,32	16	15,2	203,0	405,0
62934	18 G 1,32	16	15,9	228,0	430,0
62935	19 G 1,32	16	16,0	241,0	450,0
62936	20 G 1,32	16	16,5	253,0	481,0
62937	25 G 1,32	16	18,6	317,0	564,0
62938	27 G 1,32	16	19,0	342,0	629,0
62939	30 G 1,32	16	19,6	380,0	701,0

Continuation ▶

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Part no.	No. cores x cross-sec. mm²	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
62943	50 G 1,32	16	25,1	634,0	1137,0
62944	61 G 1,32	16	27,2	773,0	1345,0
62945	2 x 2,08	14	8,6	40,0	100,0
62946	3 G 2,08	14	8,9	60,0	117,0
62947	4 G 2,08	14	9,8	80,0	141,0
62948	5 G 2,08	14	10,6	100,0	152,0
62949	6 G 2,08	14	11,6	120,0	216,0
62950	7 G 2,08	14	11,9	140,0	255,0
62951	9 G 2,08	14	13,5	180,0	312,0
62952	10 G 2,08	14	15,5	200,0	378,0
62953	12 G 2,08	14	15,9	240,0	434,0
62954	16 G 2,08	14	17,6	319,0	550,0
62955	18 G 2,08	14	18,3	359,0	616,0
62956	19 G 2,08	14	18,5	380,0	634,0
62957	25 G 2,08	14	21,6	500,0	817,0
62958	2 x 3,31	12	9,5	63,0	132,0
62959	3 G 3,31	12	10,0	95,0	177,0
62960	4 G 3,31	12	10,9	127,0	201,0

Part no.	No. cores x cross-sec. mm²	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
62961	5 G 3,31	12	11,9	159,0	274,0
62962	6 G 3,31	12	13,0	191,0	315,0
62963	7 G 3,31	12	13,1	222,0	353,0
62964	9 G 3,31	12	15,9	286,0	476,0
62965	12 G 3,31	12	17,8	381,0	613,0
62966	16 G 3,31	12	19,8	508,0	783,0
62967	19 G 3,31	12	20,8	604,0	918,0
62968	20 G 3,31	12	21,9	636,0	916,0
62969	25 G 3,31	12	25,3	794,0	1286,0
62989	4 G 42,3	1	34,8	1624,0	2397,0
62990	4 G 52,9	1/0	37,9	2031,0	2938,0
62991	4 G 67,3	2/0	41,3	2584,0	3569,0
62992	4 G 84,4	3/0	48,6	3256,0	4181,0
62993	4 G 106,7	4/0	51,2	4097,0	5747,0
62994	4 G 128,4	250 kcmil	55,0	4931,0	7591,0
62995	4 G 181,9	350 kcmil	63,5	6985,0	8299,0
62996	4 G 257,6	500 kcmil	73,7	9892,0	11549,0

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

Bundling, binding, fastening

Plastic helix

Cable tie

Hook and loop cable tie

Mounting block



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