



HELUKABEL TRAYCONTROL 300 24AWG/0,25QMM 6C/62652

CE



## Technical data

- Flexible PVC data and control cable
- **Temperature range**  
-25 °C to +105 °C
- **Nominal voltage** 300 V
- **Test voltage** 2000 V
- **Minimum bending radius**  
Flexing 4x cable ø

## Cable structure

- Tinned copper conductor, fine wire stranded, with AWG measures
- Special PVC core insulation (AWG 22 - AWG 16 with transparent nylon skin)  
Core identification according to international colour code
- Cores stranded in layers with optimal lay-lengths
- Separator
- Special PVC outer sheath
- Sheath colour - grey (RAL 7001)
- With length marking in feet

## Properties

- Self-extinguishing and flame retardant in accordance with CSA FT4
- The materials used in manufacture are free of silicone, cadmium and substances that impair paint wetting
- **Tests**  
**UL (AWG 22 - AWG 16):** PLTC-ER, ITC-ER, Type CM, NFPA 79 2007, OIL RES I & II, Class I Div. 2, NEC Art. 501, 725, 760 & 800, AWM 2464  
**UL (AWG 24 - AWG 28):** CM, AWM 2464, rated OIL RES I & II, NEC Art. 725, 760 & 800, NFPA 79 2007  
**CSA:** CSA CMG FT4, AWM I/II A/B

## Note

### Advantages

- highly-flexible easy to install
- Oil-resistant to OIL RES I & II

### Available on request

- PUR or TPE outer sheath
- Sheath colour to suit customer requirements

## Application

HELUKABEL® TRAYCONTROL 300 is a multi-core PVC data and control cable. Cross-sections with PLTC-ER and ITC-ER approval suitable for open, unprotected installation in cable trays to the machine; their outstanding oil resistance (OIL RES I & II) makes them ideally suited as connecting and joining cables and also for control, signal and measuring systems in industrial plants. The flexible cable structure facilitates installation inside and outside of machines and switch cabinets.

Applications: tool machines, control panels, control and instrumentation technology, production automation, cable ducts, renewable energies.

CE= The product conforms to the EG 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
62625	2 x 0,08	28	3,7	1,6	12,0
62626	3 x 0,08	28	4,0	2,0	18,0
62627	4 x 0,08	28	4,2	3,0	21,0
62628	6 x 0,08	28	4,7	5,0	27,0
62629	8 x 0,08	28	5,0	6,0	30,0
62630	10 x 0,08	28	5,6	8,0	30,0
62631	15 x 0,08	28	6,2	12,0	43,0
62632	20 x 0,08	28	6,8	15,0	54,0
62633	25 x 0,08	28	7,8	19,0	63,0
62634	30 x 0,08	28	8,2	23,0	73,0
62635	40 x 0,08	28	8,9	31,0	89,0
62636	50 x 0,08	28	9,9	38,0	109,0
62637	2 x 0,14	26	4,0	3,0	18,0
62638	3 x 0,14	26	4,1	4,0	21,0
62639	4 x 0,14	26	4,3	5,0	24,0
62640	6 x 0,14	26	5,0	8,0	30,0
62641	8 x 0,14	26	5,3	11,0	34,0
62642	10 x 0,14	26	6,0	13,0	42,0
62643	15 x 0,14	26	6,6	20,0	52,0
62644	20 x 0,14	26	7,5	27,0	67,0
62645	25 x 0,14	26	8,3	34,0	80,0
62646	30 x 0,14	26	8,6	40,0	92,0
62647	40 x 0,14	26	9,4	54,0	116,0
62648	50 x 0,14	26	10,6	67,0	145,0
62649	2 x 0,25	24	4,2	5,0	19,0
62650	3 x 0,25	24	4,4	7,0	22,0
62651	4 x 0,25	24	4,7	10,0	27,0
62652	6 x 0,25	24	5,4	14,0	33,0
62653	8 x 0,25	24	5,7	19,0	42,0
62654	10 x 0,25	24	6,4	24,0	49,0

Part no.	No. cores x cross-sec. mm²	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
62655	15 x 0,25	24	7,2	36,0	69,0
62656	20 x 0,25	24	8,2	48,0	86,0
62657	25 x 0,25	24	9,1	60,0	103,0
62658	30 x 0,25	24	9,4	72,0	131,0
62659	40 x 0,25	24	11,0	96,0	173,0
62660	50 x 0,25	24	12,2	120,0	219,0
62661	2 x 0,34	22	4,6	7,0	22,0
62662	3 x 0,34	22	4,8	10,0	28,0
62663	4 x 0,34	22	5,1	13,0	32,0
62664	6 x 0,34	22	5,8	20,0	46,0
62665	8 x 0,34	22	6,2	26,0	54,0
62666	10 x 0,34	22	7,3	33,0	66,0
62667	15 x 0,34	22	8,3	49,0	90,0
62668	20 x 0,34	22	9,1	65,0	115,0
62669	25 x 0,34	22	10,5	82,0	141,0
62670	30 x 0,34	22	10,9	98,0	176,0
62671	40 x 0,34	22	12,1	131,0	234,0
62672	50 x 0,34	22	13,5	163,0	293,0
62673	2 x 0,75	20	5,7	14,0	57,0
62674	3 x 0,75	20	6,0	22,0	60,0
62675	4 x 0,75	20	6,5	29,0	73,0
62676	6 x 0,75	20	7,8	43,0	97,0
62677	8 x 0,75	20	8,4	58,0	133,0
62678	10 x 0,75	20	9,6	72,0	143,0
62679	15 x 0,75	20	11,4	108,0	177,0
62680	20 x 0,75	20	12,7	144,0	261,0
62681	25 x 0,75	20	14,1	180,0	353,0
62682	30 x 0,75	20	14,7	216,0	419,0
62683	40 x 0,75	20	16,9	288,0	562,0
62684	50 x 0,75	20	18,9	360,0	699,0

Continuation ▶

Part no.	No. cores x cross-sec. mm²	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
62685	2 x 1	18	6,2	19,0	61,0
62686	3 x 1	18	6,5	29,0	64,0
62687	4 x 1	18	7,3	38,0	77,0
62688	6 x 1	18	8,5	58,0	101,0
62700	6 x 1	16	9,3	86,0	162,0
62689	8 x 1	18	9,1	77,0	142,0
62702	8 x 1	16	10,6	115,0	243,0
62690	10 x 1	18	11,1	96,0	195,0
62691	15 x 1	18	12,6	144,0	247,0
62692	20 x 1	18	13,9	192,0	328,0
62693	25 x 1	18	16,6	240,0	407,0
62694	30 x 1	18	16,7	288,0	539,0

Part no.	No. cores x cross-sec. mm²	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
62695	40 x 1	18	18,5	384,0	717,0
62696	50 x 1	18	20,8	480,0	894,0
62697	2 x 1,5	16	6,7	28,0	83,0
62698	3 x 1,5	16	7,4	43,0	91,0
62699	4 x 1,5	16	8,0	58,0	109,0
62703	10 x 1,5	16	12,2	144,0	267,0
62704	15 x 1,5	16	13,9	216,0	364,0
62705	20 x 1,5	16	15,3	288,0	493,0
62706	25 x 1,5	16	17,7	360,0	608,0
62707	30 x 1,5	16	18,4	432,0	729,0
62708	40 x 1,5	16	20,5	576,0	967,0
62709	50 x 1,5	16	23,1	720,0	1214,0

Dimensions and specifications may be changed without prior notice. (RN02)

## Core end sleeves and cable lugs

Core end sleeves  
Solderless terminals  
Tubular cable lugs  
Compression joints



You can find core end sleeves and cable lugs in our catalogue Cable Accessories.  
Request it now at [www.helukabel.de](http://www.helukabel.de)

