

COMBI/BASKET LIFT 731



ELETTROTEK KABEL® COMBI/BASKET LIFT 731

Construction:

Conductor:	Flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
Insulation:	PVC type YK cold resistant
Strainer:	Kevlar central strainer
Outer sheath:	special cold resistant PVC type YK compounding
Sheath color:	black (RAL 9005)

Features:

- Resistant to low temperatures
- vertical use

Applications:

- This hybrid cable is used for current carrying in the control system of vertical lifts using in buildings industry.

Technical data:

Nominal voltage:	
signal:	300/500 V
power:	0,6/1 kV
Test voltage:	
signal:	2 kV
power:	4 kV
Temperature range	
Fixed installation:	- 40°C up to + 70°C
Flexible installation:	- 20°C up to + 70°C
Min. bending radius:	10 x d

Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
07010G70059900	5G2,5 + 10x1	20	220	306	14
07010G70059901	5G2,5 + 11x1	20	225,6	320	14
07010G70039902	3G4 + 7x1	17,4	184	360	12
07010G70049903	4G6 + 9x1	20,5	330	555	10
07010G70049904	4G6 + 11x1	21	340	575	10
07010G70049905	4G6 + 15x1	22	388	625	10
07010G70049906	4G10 + 10x1	25	480	870	8
07010G70049907	4G16 + 6x1	26,1	700	1250	6
07010G70049908	4G16 + 10x1	29	710	1300	6

Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
07010G70049909	4G16 + 15x1	31,5	760	1380	6
07010G70049910	4G16 + 1x2,5 + 4x1	28,5	830	1460	6
07010G70059911	5G4 + 5x2x1,5	26,1	336	832,7	12
07010G70059912	5G6 + 5x2x1,5	28,6	432	1021,5	10
07010G70059913	5G10+2,5x1,5	30,9	634	1316,8	8
07010G70059914	5G4+8x1,5	25,6	307,2	784,4	12
07010G70059915	5G6+8x1,5	26,9	403,2	916,8	10
07010G70061M25	6G2,5	14	144	313,8	14

Other construction and sizes are available on request

PV-FLAT H05VVH6-F/LIFT



Construction:

Conductor:	Flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
Insulation:	PVC special compound
Stranding:	parallel cores laying
Cores color:	core identification up to 5 cores to color code DIN VDE 0293 7 cores and above with number printing + green-yellow
Outer sheath:	balck, special PVC (RAL 9005)

Features:

- ▶ High flexibility
- ▶ packeting possibility

Technical data:

Nominal voltage:	U ₀ /U 300/500 V (up to 1 mm ²)
Test voltage:	2 kV
Temperature range	
Fixed installation:	-40°C up to +80°C
Flexible installation:	- 5°C up to +70°C
Min bending radius:	10 x d
Radiation resistance:	up to 80 x 10 ⁶ cJ/kg (up to 80 mrad)
Resistance:	Oil resistance: DIN VDE 0473 part 811-2-1, IEC 60811-2-1; Fire resistant: acc. to DIN VDE 0482 part 266-2-5, IEC 60332-3, EN 50266-2-5



Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
07020D72041M07	4G0,75	4,3 x 12,6	28,8	90	19
07020D72051M07	5G0,75	4,3 x 16,1	36	115	19
07020D70061M07	6G0,75	4,3 x 19,4	43,2	141	19
07020D70081M07	8G0,75	4,3 x 26,4	64,8	198	19
07020D70091M07	9G0,75	-	58	190	19
07020D70101M07	10G0,75	4,3 x 30,1	72	224	19
07020D70121M07	12G0,75	4,3 x 33,8	84,4	258	19
07020D70161M07	16G0,75	4,3 x 44,4	115,2	340	19
07020D70181M07	18G0,75	4,3 x 49,2	129,6	380	19
07020D70201M07	20G0,75	4,3 x 55	144	424	19
07020D70241M07	24G0,75	4,3 x 65,6	172,8	509	19
07020D72031M07	3G1	4,5 x 10,8	28,8	80	18
07020D72041M07	4G1	4,5 x 13,4	38,4	104	18
07020D72051M07	5G1	4,5 x 16	48	134	18
07020D70061M07	6G1	4,5 x 20,6	57,6	161	18
07020D70081M07	8G1	-	77	220	18
07020D70091M07	9G1	4,5 x 28,4	86,4	230	18
07020D70101M07	10G1	4,5 x 30	96	256	18
07020D70121M07	12G1	4,5 x 36,2	115,2	298	18
07020D70161M07	16G1	4,5 x 47,6	153,6	395	18
07020D70181M07	18G1	4,5 x 52,8	172,8	441	18
07020D70201M07	20G1	4,5 x 59	192	495	18
07020D70241M07	24G1	4,5 x 70,4	230,4	590	18

Other construction and sizes are available on request

LIFT CABLES

ROUND LIFT 732

Flexible, rubber cables, with support again



ELETTROTEK KABEL® ROUND LIFT 732

Construction:

Conductor:	Flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
Insulation:	rubber compound
Cores color:	acc. to DIN VDE 0293-308, HD 308 S2 from 6 cores black cores with consecutive numbers acc. to EN 50334; green-yellow earth-wire from 3 cores
Stranding:	cores stranded in layers with optimal lay-length
Supporting braid:	high-tech yarns central element
Outer sheath:	rubber, black (RAL 9005)

Applications:

- ▶ As a robust and weather resistant cable for machines, equipment, which are constantly exposed to outdoor weather conditions (lift, building machinery, conveyor hoist systems etc.).

Features:

- ▶ Oil resistant
- ▶ ozone resistant
- ▶ low abrasion
- ▶ high notch resistance

Technical data:

Nominal voltage:	U/oU 300/500 V
Test voltage:	3000 V
Temperature range:	
fixed installation:	-40°C to +80°C
flexible installation:	-25°C to +60°C
Min. Bending radius:	12,5 x d



Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no.*)
03130D73020M10	2x1	7,5	19,2	90	-	18
03130D72031M10	3G1	8,5	28,8	111	-	18
03130D72041M10	4G1	9,7	38,4	141	-	18
03130D72051M10	5G1	11,5	48	170	-	18
03130D70061M10	6G1	13,4	57,6	187	-	18
03130D70071M10	7G1	13,8	67,2	204	-	18
03130D70091M10	9G1	15,8	86,4	274	-	18
03130D70121M10	12G1	17,5	115,2	389	-	18
03130D70161M10	16G1	19,2	153,6	432	-	18
03130D70181M10	18G1	21,5	172,8	471	-	18
03130D70191M10	19G1	22	182,4	565	-	18
03130D70201M10	20G1	22,4	192	590	-	18
03130D70241M10	24G1	23,6	230,4	650	-	18

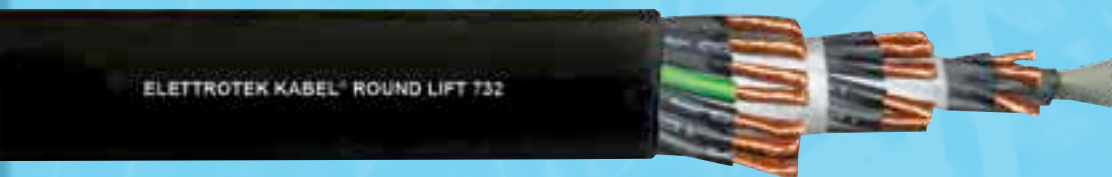
Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no.*)
03130D70301M10	30G1	24,6	288	785	-	18
03130D70361M10	36G1	29,0	345,6	910	-	18
03130D70371M10	37G1	30,5	355,2	936	-	18
03130D70481M10	48G1	31,4	460,8	1244	-	18
03130D70501M10	50G1	32,6	480	1296	-	18
03130D70541M10	54G1	32,9	518,4	1399	-	18
03130D70611M10	61G1	37,2	585,6	1495	-	18
03130D73020M15	2x1,5	8,5	28,8	95	-	16
03130D72031M15	3G1,5	9,3	43,2	113	-	16
03130D72041M15	4G1,5	10,5	57,6	150	-	16
03130D72051M15	5G1,5	12,5	72	180	-	16
03130D70061M10	6G1,5	14,3	86,4	245	-	16

Other construction and sizes are available on request

LIFT CABLES

ROUND LIFT 732

Flexible, rubber cables, with support again



Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no. *)	Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no. *)
03130D70071M15	7G1,5	14,8	100,8	309	-	16	03130D70121M25	12G2,5	25,4	288	690	-	14
03130D70081M15	8G1,5	15,8	115,2	333	-	16	03130D70161M25	16G2,5	24,4	384	813	-	14
03130D70091M15	9G1,5	17,7	129,6	360	-	16	03130D70181M25	18G2,5	26,3	432	891	-	14
03130D70101M15	10G1,5	18,5	144	405	-	16	03130D70191M25	19G2,5	27,5	456	946	-	14
03130D70111M15	11G1,5	20,1	158,4	458	-	16	03130D70241M25	24G2,5	30,5	576	1221	-	14
03130D70121M15	12G1,5	21,6	172,8	516	-	16	03130D70361M25	36G2,5	33,5	864	1737	-	14
03130D70131M15	13G1,5	22,1	187,2	-	-	16	03130D70371M25	37G2,5	40,8	888	1784	-	14
03130D70151M15	15G1,5	22,8	216	590	-	16	03130D70481M25	48G2,5	41,9	1152	2500	-	14
03130D70181M15	18G1,5	23,6	259,2	620	-	16	03130D70501M25	50G2,5	43,3	1200	2630	-	14
03130D70191M15	19G1,5	24,1	273,6	670	-	16	03130D70611M25	61G2,5	49,3	1464	8100	-	14
03130D70241M15	24G1,5	27	345,6	817	-	16	03130D72031M40	3G4	13,6	115,2	372	-	12
03130D70371M15	37G1,5	31	532,8	1220	-	16	03130D72041M40	4G4	15,0	153,6	407	-	12
03130D70421M15	42G1,5	33	604,8	1380	-	16	03130D72051M40	5G4	17,1	192,0	432	-	12
03130D70481M15	48G1,5	34,9	691,2	1510	-	16	03130D70071M40	7G4	21,5	268,8	495	-	12
03130D70501M15	50G1,5	36,7	720	1642	-	16	03130D72031M60	3G6	13,9	172,8	380	-	10
03130D70611M15	61G1,5	41,8	878,4	1950	-	16	03130D72041M60	4G6	15,2	230,4	445	-	10
03130D73020M25	2x2,5	10	48	142	-	14	03130D72051M60	5G6	18,2	288	569	-	10
03130D72031M25	3G2,5	10,5	72	172	-	14	03130D70071M60	7G6	21,1	403,2	702	-	10
03130D72041M25	4G2,5	11,6	96	210	-	14	03130D72031M61	3G10	18,1	288	530	-	8
03130D72051M25	5G2,5	12,9	120	255	-	14	03130D72041M61	4G10	20,6	384	724	-	8
03130D70061M25	6G2,5	14,5	144	318	-	14	03130D72051M61	5G10	22,6	480	923	-	8
03130D70071M25	7G2,5	16,2	168	383	-	14	03130D70071M61	7G10	27,4	672	1288	-	8
03130D70081M25	8G2,5	16,8	192	450	-	14	03130D72031M62	3G16	21,3	460,8	865	-	6
03130D70091M25	9G2,5	21,5	216	541	-	14	03130D72041M62	4G16	25,2	614,4	1028	-	6
03130D70111M15	11G2,5	23,3	264	638	-	14	03130D72051M62	5G16	26,5	768	1260	-	6

Other construction and sizes are available on request



LIFT CABLES

ROUND LIFT 733

Lift control cable up to 60 mt.



Construction:

Conductor:	Flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
Insulation:	GAALTHERM® 535
Color code:	black cores with numbers + green-yellow
Strain relief:	sisal cord
Stranding:	sisal cord as core, optimized twisting of the conductors in layers
Wrapping:	overlap wrapping
Supporting braid:	special torsion protection
Outer sheath:	black (RAL 9005), thermoplastic special compound

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Test voltage:	2 kV
Temperature range	
Fixed laying:	-50°C up to +90°C
Flexible application:	-40°C up to +90°C
Min. bending radius:	15 x d
Max. suspended height:	up to 60 m
Resistance:	Halogen-free: acc. to DIN VDE 0472 part 815 and IEC 60754-1 Fire performance: acc. to IEC 60332-3-C + EN 50266

Features:

- ▶ Halogen-free
- ▶ possible with integrated bus cable

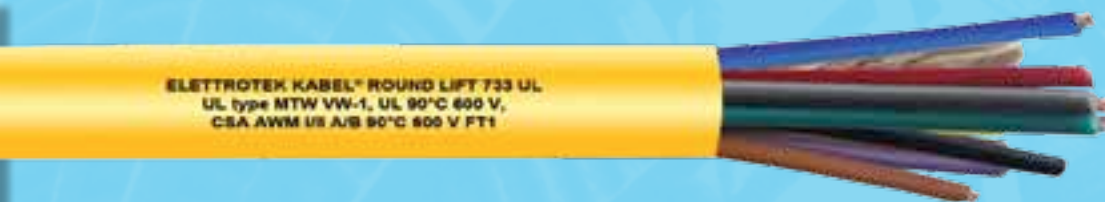
Applications:

- ▶ Used in the highest safety requirements

Other construction and sizes are available on request

Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	ohmic resistance at 20°C max. Ω/km	AWG no. *)
07030D70071M10	7G1	12	67,2	190	19,5	18
07030D70241M10	24G1	22,5	230,4	600	19,5	18
07030D70301M10	30G1	23,5	288	720	19,5	18

ROUND LIFT 733 UL



Construction:

Conductor:	Finely stranded red copper acc.to ASTM B-3 or ASTMB-174
Insulation:	PVC/Nylon special compound
Color code:	acc. to ICEA Method 1-E2 (K-2) 1st core: black 2nd core: red 3rd core: light blue 4th core: orange 5th core: yellow 6th core: brown 7th core: red/black 8th core: green (unprinted) other colors acc. to standard
Stranding:	in layers with central solid PVC filler 12x1,5: in layers with three central conductors
Wrapping:	mylar tape
Outer sheath:	PVC, yellow

Features:

- ▶ **UL type MTW VW-1**
- ▶ **UL 90°C 600 V**
CSA AWM I/II A/B 90°C 600 V FT1
- ▶ **for SPEEDS and MINIMUM BENDING RADIUS**
see pages 1,2,3,4,5,6 of catalogue

Technical data:

Nominal voltage:	U ₀ /U 600 V
Test voltage:	2 kV
Temperature range:	(UL) / c(UL) Fixed laying: -25°C up to +90°C Flexible application: -25°C up to +90°C
Min. bending radius:	10 x d
Resistance:	Self-extinguishing and flame retardant: acc. to DIN VDE 0482 part. 265-2-1, EN 50265-2-1, IEC 60332-1 UL type MTW, VW-1, CSA AWM, FT-1

Part no.	No. of cores x cross section n x mm ²	Outer-Ø inches/mm ± 10%	Copper weight Lbs/Mft - kg/km	Cable weight approx. Lbs/Mft - kg/km	Max. tensile load N	AWG no. *)
07050FYU081A16	8G1,5	0,479 - 12,2	-	158 - 235	1000	16
07050FYU121A16	12G1,5	0,566 - 14,4	-	217 - 323	1000	16
07050FYU161A16	16G1,5	0,605 - 15,4	-	255 - 380	1000	16
07050FYU241A16	24G1,5	0,755 - 19,2	-	-	1000	16
07050FYU301A16	30G1,5	0,803 - 20,4	-	-	1000	16
07050FYU361A16	36G1,5	0,905 - 23	-	-	1000	16

Other construction and sizes are available on request

LIFT CABLES

ROUND LIFT 734

Lift control cable up to 200 mt.



Construction:

Conductor:	Flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
Insulation:	GAALTHERM® 535
Color code:	black cores with numbers + green-yellow
Strain relief:	steel central element
Stranding:	steel element as core, optimized twisting of the conductor in layers
Wrapping:	overlap wrapping
Supporting braid:	special torsion protection
Outer sheath:	black (RAL 9005), thermoplastic special compound

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Test voltage:	2 kV
Temperature range	
Fixed laying:	-50°C up to +90°C
Flexible application:	-40°C up to +90°C
Min. bending radius:	15 x d
Max. suspended height:	up to 200 m
Resistance:	Halogen-free: acc. to DIN VDE 0472 part 815 and IEC 60754-1 Fire performance: acc. to IEC 60332-3-C + EN 50266

Features:

- ▶ Halogen-free
- ▶ possible with integrated bus cable

Applications:

- ▶ Used in the highest safety requirements

Other construction and sizes are available on request

Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	ohmic resistance at 20°C max. Ω/km	AWG no. *)
07040D70241M10	24x1	19	230,4	600	19,5	18
07040D70301M10	30x1	21,3	288	775	19,5	18