Upwards with TKD

The right cable solution for every shaft

Upwards with TKD

Smart networking, data-driven analyses and new comfort functions - everything that has long been moving the industry since the advent of the Internet of Things and Industry 4.0 does not stop at lifts.

Long gone are the days when every switch in the cabin had to be individually wired to a relay in the control cabinet. Modern BUS systems have become essential in lifts as well.

Lift 4.0 - more than just energy supply

State-of-the-art are infotainment functions, analysis options for error detection or predictive maintenance and smart solutions that offer versatile possibilities for use, such as control via app.

In safety-critical areas, access control systems and video surveillance are also required. Emergency call systems are no longer a purely acoustic matter, but modern video communication systems.

TKD Cable is part of the CCG

As part of the Dutch Cable Connectivity Group, an Infinite Electronics company, TKD is one of the leading international suppliers of cables. We have decades of experience particularly in the field of lift construction.

From the start of planning to project work and after-sales service, we are there to assist you and guarantee the right cable solution for your application.

We are represented in over 40 countries around the globe with business and trade partners and can act quickly and flexibly for your projects.
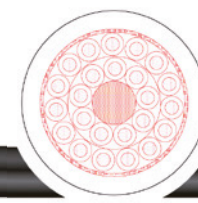
Traveling cables

In the field of Traveling cables we offer a wide standard portfolio. In addition to our standard products, we will be happy to develop special Traveling cables together with you to suit your application.

Traveling cable selection guide

traveling cable - type	construction	type			shielding		supporting element	halogenfree	suspension height, m	speed, m/s
		Control cable	Data cable	Hybrid cable	Element shield	Total shield				
FESTOONTEC® H05VVH6-F, (H)05VVH6-F	flat	x							45 m	1,6 m/s
FESTOONTEC® H07VVH6-F, (H)07VVH6-F	flat	x							35 m	1,6 m/s
FESTOONTEC® YCFLY, YFLCY (EMC)	flat	x			x				35 m	1,6 m/s
FESTOONTEC® KYCFLY, KYFLCY (EMC)	flat	x			x				**35 m**	1,6 m/s
FESTOONTEC® H05VVD3H6	flat	x					x		75 m	1,6 m/s
FESTOONTEC® KYFLTY	flat	x					x		80 m	1,6 m/s
FESTOONTEC® KYFLTFY	flat	x	x	x			x		50 m	1,6 m/s
FESTOONTEC® KYFLTCY (EMC)	flat	x	x		x				35 m	1,6 m/s
LIFTTEC® (H)05VE7A7VH6	flat	x	x	x	x				45 m	6,0 m/s
FESTOONTEC® LSOH	flat	x						x	35 m	6,0 m/s
LIFTTEC® KYSTY-MR-JZ	round	x					x		60 m	1,6 m/s
LIFTTEC® FLGÖU	round	x					x		80 m	1,6 m/s
LIFTTEC® K12YSTU11Y	round	x					x	x	50 m	1,6 m/s
LIFTTEC® KYSTCY-MR (EMC)	round	x				x	x		60 m	1,6 m/s
LIFTTEC® KYSTFY-MR	round	x	x	x	x		x		60 m	1,6 m/s
LIFTTEC® STCN (EMC)	round	x				x	x		80 m	1,6 m/s
LIFTTEC® K9YSTFU11Y	round	x	x	x	x		x	x	50 m	1,6 m/s
LIFTTEC® K12YSTCU11Y (EMC)	round	x			x	x	x	x	50 m	1,6 m/s
LIFTTEC® K2YSTFU11Y	round	x	x	x	x		x	x	40 m	1,6 m/s
LIFTTEC® YSSTCY (EMC)	round		x			x	x		50 m	1,6 m/s
LIFTTEC® YSSTVCY (EMC) - inkl. Coax 75Ω	round		x	x	x	x	x		50 m	1,6 m/s
LIFTTEC® CAT.7 - PVC	flat		x		x	x	x		80 m	10,0 m/s
LIFTTEC® CAT.7 - H-LC	flat		x		x	x	x	x	120 m	6,3 m/s
LIFTTEC® CAT.7 - H	flat		x		x	x	x	x	80 m	10,0 m/s

Our portfolio

Whether network cables or bus cables, NYM cables for safety circuits, motor connection cables, hybrid - Power & Data, cables for brakes, single core wiring for the control cabinet as well as ordinary control cables and sensor-actuator wiring: The standard portfolio of TKD covers all requirements for modern lift systems.

Our portfolio for your lift system

CABINET WIRING

09.01.01	LiYvz, H05V-K, H07V-K
09.03.01	LiHvz, H05V-K, H07V-K

SUPPLY CABLE

09.07.01	NYY-J/O 0,6/1 kV
09.05.01	NYM-J/O
09.06.01	NHXMH-J/O

INFOTAINMENT, DATA & COMMUNICATION

Communication

02.09.02	J-Y(St)Y Lg. J-Y(ST)Y LG BMK
02.09.04	J-H(St)H Bd, J-H(St)H Bd BMK
02.06.01	JE-Y(St)Y Bd, JE-Y(St)Bd EB

Fieldbus

03.10.01.01	PROFIBUS DP / FMS / FIP 150 Ω, fixed installation
03.10.02.01	MULTIBUS & INTERBUS 100 - 120 Ω, fixed installation
03.10.02.02	MULTIBUS & INTERBUS 100 - 120 Ω, high flexible
03.10.03.01	CAN BUS - ControlerArea 120 Ω, fixed installation
03.10.03.02	CAN BUS - ControlerArea 120 Ω, high flexible

Ethernet

03.15.02.03	LAN Cat./ - 600, Cat.7A - 1000 & Cat.7e - 1200..1500

DOORS

Sensor

04.10.05	KAWEFLEX® 6310 SK-PVC UL/CSA
04.10.10	KAWEFLEX® 6330 SK-PUR UL/CSA

FLOOR CABLING

03.06.01	System flat ribbon cable
03.06.03	Rounded system flat ribbon cable
03.10.03.01	CAN BUS - ControlerAreaNetwork 120 Ω fixed installation
03.10.03.02	CAN BUS - ControlerAreaNetwork 120 Ω, high flexible
	KAWEFLEX® Core strandings - loose
	KAWEFLEX® Core strandings with textile braiding

SAFETY CIRCUIT + EARTHING

09.05.01	NYY-J/O
09.06.01	NHXMH-J/O
01.05.02	ESUY

MOTOR CONNECTION

01.01.10	2YSL(St)CY-J & 2YSL(St)CYK-J 0,6/1kV EMV 3+ UV
01.01.11	2XSL(St)CY-J & 2XSL(St)CYK-J 0,6/1kV EMV 3+ UV
01.03.05	2XSL(St)CHK-J 0,6/1kV EMV 3+ UV
01.01.02	ÖPVC-JB/OB-YCY
01.01.05	ÖPVC-JZ/OZ-YCY
01.03.02	FLAME-JZ/OZ-CH FRNC

BRAKE

	LIFTTEC® Hybrid - Controllo&Data
05.02.05.02	KAWEFLEX® 5268 C-PVC UL/CSA SERVO 0,6/1 kV
05.02.05.04	KAWEFLEX® 5288 SK-C-PUR UL/CSA SERVO 0,6/1 kV

COMPONENTS

(e.g. lighting, components, emergency call, ...)

Control cable

01.01.01	ÖPVC-JB/OB
01.01.04	ÖPVC-JZ/OZ
01.01.02	ÖPVC-JB/OB-YCY
01.01.05	ÖPVC-JZ/OZ-YCY
01.01.06	ÖPVC-JZ/OZ-CY (LiYCY-JZ/OZ)
01.03.01	FLAME-JZ/OZ-H FRNC
01.03.02	FLAME-JZ/OZ-CH FRNC

Data cable

02.01.01	ELITRONIC® LIYY
02.01.03	PAARTRONIC® LIYY (TP)
02.01.02	ELITRONIC®-CY LIYCY
02.01.04	PAARTRONIC®-CY LIYCY (TP)
02.01.05	PAARTRONIC®-CY-CY LIYCY-CY (TP)
02.02.02	ELITRONIC®-CH LIHCH
02.02.04	PAARTRONIC®-CH LIHCH (TP)

TRAVELING CABLE

Control cable – FLAT

06.01.01	FESTOONTEC® H05VVH6-F, (H)05VVH6-F
06.01.02	FESTOONTEC® H07VVH6-F, (H)07VVH6-F
06.02.02	FESTOONTEC® YFLCY (EMV)
06.02.02	FESTOONTEC® KYFLCY, KYCFLY (EMV)
06.02.03	FESTOONTEC® H05VVD3H6-F
06.02.03	FESTOONTEC® KYFLTY
06.02.03	FESTOONTEC® KYFLTFY
06.02.03	FESTOONTEC® KYFLTCY (EMV)
06.02.04	LIFTTEC® (H)05VE7A7VH6-F
06.04.01	FESTOONTEC® LSOH, LSOH-C (EMV)

Control cable - ROUND

06.05.01.01	LIFTTEC® KYSTY-MR-JZ
06.08.01	LIFTTEC® FLGÖU
06.06.01	LIFTTEC® K12YSTU11Y
06.05.03.01	LIFTTEC® KYSTCY-MR (EMV)
06.05.03.01	LIFTTEC® KYSTFY-MR
06.08.03	LIFTTEC® STCN (EMV)
06.06.02	LIFTTEC® K9YSTFU11Y
06.06.02	LIFTTEC® K9YSTCU11Y (EMV)
06.07.05	LIFTTEC® FYMYTW

Data cable

06.06.02	LIFTTEC® K9YSTCU11Y (EMV)
06.05.02	LIFTTEC® YSSTCY, YSSTVCY
06.05.04	LIFTTEC® CAT.7 - PVC
06.06.04.01	LIFTTEC® CAT.7 - H-LC
06.06.04	LIFTTEC® CAT.7 - H

ASSEMBLIES

Ready made solutions for lift constructions

14.06.15	TKD CONNECT - LIFTTEC® CAT.7 - PVC, H-LC, - H

ACCESSORIES

Suspension sets for round & flat cables

15.35.01	LIFTTEC® LAR X, LAF 50, LAF 75, LAF 90

Network technology

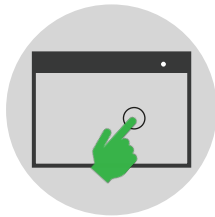|	
17.xx.xx	RJ45, Cat.6A - Plugs, sockets, adapters & Tools for field assembly

Service

- Customised cables
- 24 hours delivery
- Delivery worldwide
- Individual printing
- Stock management
- Availability check
- Assembled products
- Just-in-time-delivery

Special cables for lift construction

Should you ever reach your limits with our standard range, we will also be happy to support you in the development of a protected, customer-specific special cable for your own control system. Your personal contact person will be happy to help you.

Assembly of lift cables

Especially with the ever-increasing requirements, the assembly should not become an additional problem. We can provide you with a ready-to-install plug-and-play solution for many cables. This saves you time and effort in the shaft and you can concentrate on your own core competence.

Logistics and advice

We are also happy to take over the logistics part for our customers: from stocking the cables to cutting them to the required lengths. Our sales and support team is always on hand to advise you and provide detailed installation instructions for your installers on site.

We advise you personally - also on site - and support you with technical questions regarding the application, the product properties or the selection of materials.

TKD

an INFINIT☐ brand

www.tkd-kabel.de