

GAALFLEX® CONTROL H05Z-K GAALFLEX® CONTROL H07Z-K

Halogen free, insulated single conductor 300/500 V and 450/750 V, Eca



ELETTROTEK KABEL® H05Z-K, Eca

Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL.5, ACC. TO IEC 60228
OUTER SHEATH:	BLACK (RAL 9005), RUBBER COMPOUND TYPE E15 FOR THE OTHER COLORATION, SEE TECHNICAL DATA (PAG .169)

Technical data:

NOMINAL VOLTAGE:

H05Z-K:	U ₀ /U 300/500 V
H07Z-K:	U ₀ /U 450/750 V

TEST VOLTAGE:

H05Z-K:	2 kV
H07Z-K:	2,5 kV

TEMPERATURE RANGE: - 20°C UP TO + 90°C

MIN. BENDING RADIUS:

H05Z-K:	FIXED: 3 X D / FLEX: 4 X D
H07Z-K:	FIXED: D<8=3D D<12=3D D>12=4D FLEX: D<8=2D D<12=3D D>12=4D

Resistance:



FLAME RETARDANT AND SELF-EXTINGUISHING ACC. TO:
IEC 60332-1-2



HALOGEN FREE ACC. TO:
EN 50267-2-1
IEC 60754-1



SMOKE DENSITY ACC. TO:
IEC 61034-1-2

Features:

ACC. TO CPR UE 305/11, EN 50575:2014 + A1:2016, ECA

HALOGEN-FREE

HARMONIZED ACC. TO EUROPEAN STANDARDS

<HAR> H05Z-K, H07Z-K

ACC. TO DIN VDE 0282-9

ROHS AND CE APPROVAL



H05Z-K

Part no.	Cross section mm ²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.)*
31490D01010M05	0,5	2,3	4,8	9	20
31490D01010M07	0,75	2,5	7,2	12	19
31490D01010M10	1	2,7	9,6	14	18

H07Z-K

Part no.	Cross section mm ²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.)*
31490E01010M15	1,5	3	14,4	19	16
31490E01010M25	2,5	3,6	24	31	14
31490E01010M40	4	4,3	38	45	12
31490E01010M60	6	5	58	63	10
31490E01010M61	10	6,3	96	108	8
31490E01010M62	16	7,3	154	162	6
31490E01010M63	25	9,2	240	252	4
31490E01010M64	35	10,1	336	338	2
31490E01010M65	50	12,2	480	481	1
31490E01010M66	70	14,1	672	670	2/0
31490E01010M67	95	16	912	888	3/0
31490E01010M68	120	18	1152	1008	4/0
31490E01010M69	150	19,8	1440	1391	250 MCM
31490E01010M70	185	22	1776	1686	350 MCM
31490E01010M71	240	25,1	2304	2212	450 MCM

Other dimension and colours available on request.