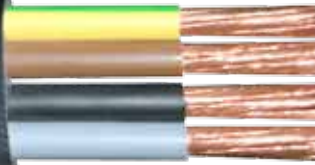


FLEXIFESTOON® PV-FLAT (H07VVH6-F)

HAR

ELETTROTEK KABEL® FLEXIFESTOON® PV-FLAT (H07VVH6-F)



Construction:

Conductor:	flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
Insulation:	PVC type T12
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 laying parallel
Outer sheath:	black (similar to RAL 9005), special PVC compound

Resistance:



Self-extinguishing and flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1-2



Oil resistance acc. to:
DIN VDE 0473 part 811-2-1
IEC EN 60811-2-1

Technical data:

Nominal voltage:	U ₀ /U 450/750 V
Test voltage:	2,5 kV
Temperature range:	
<i>Fixed laying:</i>	-25°C up to +70°C
<i>Flexible application:</i>	-20°C up to +70°C
Max. temp on conductor:	
<i>In service:</i>	up to +70°C
<i>In short circuit:</i>	up to +150°C
Min. bending radius:	acc. to DIN VDE 0298 part 3
Radiation resistance:	up to 80x10 ⁶ cJ/kg (up to 80 Mrad)
Tensile strenght:	
<i>Static:</i>	15 n/mm ²
<i>Dynamic:</i>	30 n/mm ²
Max speed (main application):	120 m/min

Features:

UV, ozone and chemical resistant
on request 0,6/1 kV version
minimum waste of space
high flexibility
for SPEEDS and MINIMUM BENDING RADIUS
see pages from 2 to 8 of catalogue
RoHS and CE approval



FESTOON CABLES

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Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca.mm ± 4%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.®)
03050E72041M15	4G1,5	4,9x14,8	58	135	16
03050E72051M15	5G1,5	4,9x18	72	169	16
03050E70071M15	7G1,5	4,9x24,5	101	235	16
03050E70081M15	8G1,5	4,9x27,6	115	267	16
03050E71080M15	8x1,5	4,9x27,6	115	267	16
03050E70091M15	9G1,5	4,9x30,8	130	302	16
03050E70101M15	10G1,5	4,9x34,1	144	332	16
03050E70121M15	12G1,5	4,9x40,7	173	400	16
03050E70161M15	16G1,5	4,9x53,7	230,4	535	16
03050E70181M15	18G1,5	4,9x60,2	259,2	603	16
03050E70241M15	24G1,5	4,9x79,7	346	761	16
03050E72041M25	4G2,5	5,6x17,9	96	200	14
03050E72051M25	5G2,5	5,6x22	120	256	14
03050E70071M25	7G2,5	5,6x30	168	344	14
03050E70081M25	8G2,5	5,6x34,1	192	395	14
03050E70121M25	12G2,5	5,6x50,2	288	590	14
03050E70161M25	16G2,5	5,6x66,3	384	785	14
03050E70181M25	18G2,5	5,6x74,4	432	880	14
03050E70064M25	6x(4G2,5)	15x63	576	1024	14
03050E70241M25	24G2,5	5,6x98,6	576	1024	14
03050E72041M40	4G4	6,5x20	154	277	12
03050E72051M40	5G4	6,5x24,6	192	350	12
03050E70071M40	7G4	6,5x33,8	269	490	12
03050E70121M40	12G4	6,5x56,8	460,8	840	12
03050E72041M60	4G6	7x22,2	230	360	10
03050E72051M60	5G6	7x27,3	288	470	10
03050E72071M60	7G6	7x37,5	403	655	10
03050E72041M61	4G10	8,8x27,6	384	590	8
03050E72051M61	5G10	8,8x34,8	480	720	8
03050E72041M62	4G16	10x32	614	840	6
03050E72051M62	5G16	10x39,8	768	1036	6
03050E72041M63	4G25	11,9x38,8	960	1255	4
03050E72051M63	5G25	11,9x48,6	1200	1620	4
03050E72041M64	4G35	13,5x44	1344	1690	2
03050E72041M65	4G50	16x54	1920	2450	1
03050E72041M66	4G70	18,5x61	2688	3400	2/0
03050E72041M67	4G95	20,5x69,5	3684	4550	3/0

Other dimensions and colors available on request.