

FLEXIFESTOON® H07BN4-F

HAR

ELETTROTEK KABEL® FLEXIFESTOON® H07BN4-F

Construction:

Conductor:	flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
Insulation:	rubber EPR type E17 acc. to DIN VDE 0282 part 1
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
Outer sheath:	black (similar to RAL 9005), rubber EPR type EM7

Technical data:

Nominal voltage:	U ₀ /U 450/750 V			
Test voltage:	3 kV			
Temperature range:	-45°C up to +90°C			
Max short circuit temperature:	+ 250°C			
Min. bending radius:				
Fixed laying:	acc. to CEI 20-20/20-19			
	D≤8	8<D≤12	12<D≤20	D>20
<i>normal use:</i>	4 x D	5 x D	6 x D	6 x D
<i>accurate bending close to the terminal:</i>	2 x D	3 x D	4 x D	4 x D
Flexible application:	acc. to CEI 20-20			
<i>fixed lay:</i>	3 x D	3 x D	4 x D	4 x D
<i>free move:</i>	4 x D	4 x D	5 x D	6 x D
<i>at the entrance to a portable device or a mobile equipment:</i>				
- without cable stressing:	4 x D	4 x D	5 x D	6 x D
- without mechanical stress:	6 x D	6 x D	6 x D	8 x D
<i>festoon i.e. for support crane:</i>	6 x D	6 x D	6 x D	8 x D
<i>repeated winding:</i>	6 x D	6 x D	6 x D	8 x D
<i>turned off on pulley:</i>	8 x D	8 x D	8 x D	8 x D
Max. torsion:	+/- 150°/1 m			

Resistance:



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

Features:

UV resistant
on request tinned copper conductors
acc. to CENELEC HD 22.2 , CEI 20-19
acc. to CEI 20-19/12, CEI 20-35, CENELEC HD 21.12 S1
for MINIMUM BENDING RADIUS see pages from 5 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 ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
03080E7L010M15	1x1,5	5,9	14,4	50	16
03080E7L010M25	1x2,5	6,5	24	65	14
03080E7L010M40	1x4	7,4	38,4	89	12
03080E7L010M60	1x6	8,1	57,6	115	10
03080E7L010M61	1x10	10,4	96	190	8
03080E7L010M62	1x16	11,6	153,6	259	6
03080E7L010M63	1x25	13,7	240	375	4
03080E7L010M64	1x35	15,3	336	492	2
03080E7L010M65	1x50	17,7	480	675	1
03080E7L010M66	1x70	20	672	908	2/0
03080E7L010M67	1x95	22,1	912	1171	3/0
03080E7L010M68	1x120	24,5	1152	1445	4/0
03080E7L010M69	1x150	26,9	1440	1783	250 MCM
03080E7L010M70	1x185	28,9	1776	2125	350 MCM
03080E7L010M71	1x240	32,6	2304	2733	450 MCM
03080E7L010M72	1x300	36,7	2880	3348	550 MCM
03080E7L010M73	1x400	39,9	3840	4327	750 MCM
03080E7L010M74	1x500	45,8	4800	5450	950 MCM
03080E7L010M75	1x630	54	6048	6900	1200 MCM

Other dimensions and colors available on request.