

H07RN-F

Rubber Sheathed cable, harmonized type

HAR



Construction:

Conductor:	flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
Insulation:	rubber type EI4 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
Stranding:	in layers
Outer sheath:	black (similar to RAL 9005), rubber PCP type EM2

Resistance:



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



Ozone resistance to insulation acc. to:
DIN VDE 0472 part 805, test method A
or part 805 A1, test method C

Technical data:

Nominal voltage:	U ₀ /U 450/750 V
Test voltage:	2,5 kV
Temperature range:	
<i>Fixed laying:</i>	-40°C up to +60°C
<i>Flexible application:</i>	-25°C up to +60°C
Min. bending radius:	acc. to DIN VDE 0298 part 3
Tensile strenght:	15 n/mm ²

Features:

can be used up to +85°C for fixed protected installations

0,6/1 kV version on request

for MINIMUM BENDING RADIUS see pages from 5 to 8 of catalogue

RoHS and CE approval



FESTOON CABLES

H07RN-F

Rubber Sheathed cable, harmonized type

HAR



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.*)
03070E7L010M15	1x1,5	6,4	14	58	16
03070E7L010M25	1x2,5	7,1	24	71	14
03070E7L010M40	1x4	8,1	38	100	12
03070E7L010M60	1x6	8,8	58	130	10
03070E7L010M61	1x10	10,7	96	230	8
03070E7L010M62	1x16	12,1	154	290	6
03070E7L010M63	1x25	14,2	240	420	4
03070E7L010M64	1x35	16,1	336	530	2
03070E7L010M65	1x50	18,5	480	750	1
03070E7L010M66	1x70	20,9	672	960	2/0
03070E7L010M67	1x95	23,4	912	1250	3/0
03070E7L010M68	1x120	24,8	1152	1560	4/0
03070E7L010M69	1x150	28,3	1440	1900	250 MCM
03070E7L010M70	1x185	31	1776	2300	350 MCM
03070E7L010M71	1x240	34,4	2304	2950	450 MCM
03070E7L010M72	1x300	37,7	2880	3600	550 MCM
03070E7L010M73	1x400	42,1	3840	4600	750 MCM
03070E7L010M74	1x500	46,6	4800	6000	1000 MCM
03070E73020M10	2x1	8,8	19	98	18
03070E73020M15	2x1,5	9,2	29	135	16
03070E73020M25	2x2,5	11,6	48	193	14
03070E73020M40	2x4	13,4	77	280	12
03070E73020M60	2x6	15	115	330	10
03070E73020M61	2x10	20,1	192	586	8
03070E73020M62	2x16	23,0	307	810	6
03070E73020M63	2x25	27,5	480	1160	4
03070E72031M10	3G1	9,5	29	130	18
03070E72031M15	3G1,5	10,5	43	165	16
03070E72031M25	3G2,5	12,4	72	235	14
03070E72031M40	3G4	14,4	115	320	12
03070E72031M60	3G6	16	173	420	10
03070E72031M61	3G10	21,6	288	810	8
03070E72031M62	3G16	24,7	461	1050	6
03070E72031M63	3G25	28	720	1250	4
03070E72031M64	3G35	33,2	1008	1900	2
03070E72031M65	3G50	38,5	1440	2600	1
03070E72031M66	3G70	43,3	2016	3400	2/0
03070E72031M67	3G95	48,6	2736	4450	3/0
03070E72031M68	3G120	53,8	3456	5180	4/0

FESTOON CABLES

H07RN-F

Rubber Sheathed cable, harmonized type

HAR



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.*)
03070E72031M69	3G150	59	4320	6500	250 MCM
03070E72031M70	3G185	64,6	5328	7860	350 MCM
03070E72031M71	3G240	73,5	6192	10224	450 MCM
03070E72031M72	3G300	81	8640	12620	550 MCM
03070E72041M10	4G1	10,5	38	150	18
03070E72041M15	4G1,5	11,6	58	200	16
03070E72041M25	4G2,5	13,8	96	290	14
03070E72041M40	4G4	16	154	395	12
03070E72041M60	4G6	17,8	230	540	10
03070E72041M61	4G10	23,7	384	800	8
03070E72041M62	4G16	26,9	614	1260	6
03070E72041M63	4G25	32,7	960	1860	4
03070E72041M64	4G35	36,3	1334	2380	2
03070E72041M65	4G50	42,5	1920	3190	1
03070E72041M66	4G70	48,3	2688	4260	2/0
03070E72041M67	4G95	54,7	3638	5600	3/0
03070E72041M68	4G120	59,5	4608	6830	3/0
03070E72041M69	4G150	65,5	5760	8320	250 MCM
03070E72041M70	4G185	72	7104	9800	350 MCM
03070E72041M71	4G240	81,5	9216	12100	450 MCM
03070E72041M72	4G300	90,5	11520	15200	550 MCM
03070E72051M15	5G1,5	12,8	72	240	16
03070E72051M25	5G2,5	15,2	120	345	14
03070E72051M40	5G4	17,7	192	485	12
03070E72051M60	5G6	19,8	288	650	10
03070E72051M61	5G10	26	480	1200	8
03070E72051M62	5G16	29,8	768	1550	6
03070E72051M63	5G25	36,2	1200	2250	4
03070E72051M64	5G35	41,3	1680	2750	2
03070E72051M65	5G50	45,4	2400	3950	1
03070E70071M15	7G1,5	16	101	375	16
03070E70071M25	7G2,5	18	168	520	14
03070E70121M25	12G1,5	20	175	460	16
03070E70121M25	12G2,5	23,4	288	760	14
03070E70181M25	18G2,5	27,6	432	850	14
03070E70191M15	19G1,5	23,5	274	810	16
03070E70191M25	19G2,5	28,2	456	1075	14
03070E70241M15	24G1,5	27,5	346	1015	16
03070E70241M25	24G2,5	32,6	576	1390	14

Other dimensions and colors available on request.