NEW

H07RN-F / 60245 IEC 66(YCW) / YCW

Heavy standard construction

Application range

- Hand-held and power supply devices
- For dry and damp interiors, as well as for limited outdoor use
- Light and sound technology
- Heavy-duty rubber-sheath cable
- Medium mechanical stress Industrial, agricultural use

Product features

- Flame-retardant in acc. to IEC 60332-1-2
- Oil-resistant according to EN 60811-404

Norm references / Approvals

- <VDE> cable type certification in acc. to EN 50525-2-21
- CCC cable type certification in acc. to GB/T 5013.4 or JB/T 8735.2
- Complies with IEC 60245.4

Product Make-up

- Fine strands of bare copper wires
- Rubber type EI4 core insulation
- Rubber type EM2 outer sheath, black

Info

- CCC and VDE dual certified

Technical data

Core identification code
Up to 5 cores: colour-coded according to VDE0293-308
From 6 cores: black with white numbers

Conductor stranding
Fine wire acc. to IEC 60228 / VDE 0295 Cl. 5

Minimum bending radius
6 x cable diameter

Nominal voltage
U_0/U: 450/750 V

Test voltage
2500 V

Protective conductor
G = with GN-YE protective conductor
X = without protective conductor

Temperature range
-25°C up to +60°C

Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
H07RN-F/60245 IEC 66(YCW), acc. to EN 50525-2-21 and GB/T 5013.4, VDE and CCC certified				
393807120	2 X 1.0	7.7 – 10.0	19.2	100
393807140	3 G 1.0	8.3 – 10.7	28.8	125
393807160	4 G 1.0	9.2 – 11.9	38.4	155
393807180	5 G 1.0	10.2 – 13.1	48.0	180
393807100	1 X 1.5	5.7 – 7.1	14.4	57
393807121	2 X 1.5	8.5 – 11.0	28.8	130
393807141	3 G 1.5	9.2 – 11.9	43.2	155
393807161	4 G 1.5	10.2 – 13.1	57.6	195
393807181	5 G 1.5	11.2 – 14.4	72.0	230
393807101	1 X 2.5	6.3 – 7.9	24.0	75
393807122	2 X 2.5	10.2 – 13.1	48.0	185
393807142	3 G 2.5	10.9 – 14.0	72.0	225
393807162	4 G 2.5	12.1 – 15.5	96.0	275
393807182	5 G 2.5	13.3 – 17.0	120.0	330
393807102	1 X 4	7.2 – 9.0	38.4	104
393807123	2 X 4	11.8 – 15.1	76.8	270
393807143	3 G 4	12.7 – 16.2	115.2	310
393807163	4 G 4	14.0 – 17.9	153.6	385
393807183	5 G 4	15.6 – 19.9	192.0	473
393807103	1 X 6	7.9 – 9.8	57.6	131
393807124	2 X 6	13.1 – 16.8	115.2	350
393807144	3 G 6	14.1 – 18.0	172.8	410
393807164	4 G 6	15.7 – 20.0	230.4	515
393807184	5 G 6	17.5 – 22.2	288.0	635
393807104	1 X 10	9.5 – 11.9	96.0	202
393807125	2 X 10	17.7 – 22.6	192.0	565
393807145	3 G 10	19.1 – 24.2	288.0	710
393807165	4 G 10	20.9 - 26.5	384.0	900
393807185	5 G 10	22.9 – 29.1	480.0	1,095
393807105	1 X 16	10.8 – 13.4	153.6	280
393807126	2 X 16	20.2 – 25.7	307.2	765
393807146	3 G 16	21.8 – 27.6	460.8	975
393807166	4 G 16	23.8 – 30.1	614.4	1,255
393807186	5 G 16	26.4 – 33.3	768.0	1,545
393807106	1 X 25	12.7 – 15.8	240.0	390
393807127	2 X 25	24.3 – 30.7	480.0	1,080
393807147	3 G 25	26.1 – 33.0	720.0	1,375
393807167	4 G 25	28.9 – 36.6	960.0	1,810
393807187	5 G 25	32.0 – 40.4	1,200.0	2,220
393807107	1 X 35	14.3 – 17.9	336.0	510
393807148	3 G 35	29.3 – 37.1	1,008.0	1,780
393807168	4 G 35	32.5 – 41.1	1,344.0	2,345
393807108	1 X 50	16.5 – 20.6	480.0	705
393807149	3 G 50	34.1 – 42.9	1,440.0	2,460
393807169	4 G 50	37.7 – 47.5	1,920.0	3,220
393807109	1 X 70	18.6 – 23.3	672.0	940
393807150	3 G 70	38.4 – 48.3	2,016.0	3,260
393807170	4 G 70	42.7 – 54.0	2,688.0	4,320
393807110	1 X 95	20.8 – 26.0	912.0	1,205
393807151	3 G 95	43.3 – 54.0	2,736.0	4,200
393807171	4 G 95	48.4 – 61.0	3,648.0	5,545
393807111	1 X 120	22.8 – 28.6	1,152.0	1,480
393807172	4 G 120	53.0 – 66.0	4,608.0	6,740
393807112	1 X 150	25.2 – 31.4	1,440.0	1,817
393807173	4 G 150	58.0 – 73.0	5,760.0	8,290
393807113	1 X 185	27.6 – 34.4	1,776.0	2,200
393807114	1 X 240	30.6 – 38.3	2,304.0	2,810
393807115	1 X 300	33.5 – 41.9	2,880.0	3,490
H07RN-F / YCW, acc. to EN 50525-2-21 and JB/T 8735.2, VDE and CCC certified				
393807128	2 X 35	27.2 – 34.3	672.0	1,380
393807188	5 G 35	35.7 – 45.1	1,680.0	2,855
393807129	2 X 50	31.6 – 39.8	960.0	1,905
393807201	5 G 50	41.8 - 53.0	2,400.0	3,985
393807130	2 X 70	35.8 – 45.1	1,344.0	2,375
393807202	5 G 70	47.5 - 60.0	3,360.0	5,370
393807131	2 X 95	40.2 – 51.0	1,824.0	3,035
393807203	5 G 95	54.0 - 67.0	4,560.0	6,960
393807152	3 G 120	47.4 – 60.0	3,456.0	5,110
393807153	3 G 150	52.0 – 66.0	4,320.0	6,262
H07RN-F, acc. to EN 50525-2-21, VDE certified				
393807190	7 G 1.5	14.7 – 18.7	100.8	335
393807192	12 G 1.5	17.6 – 22.4	172.8	550
393807194	18 G 1.5	20.7 – 26.3	259.2	755
393807196	24 G 1.5	24.3 – 30.7	345.6	985
393807198	36 G 1.5	27.8 – 35.2	518.4	1,370
393807191	7 G 2.5	17.1 – 21.8	168.0	475
393807193	12 G 2.5	20.6 - 26.2	288.0	746
393807195	18 G 2.5	24.4 – 30.9	432.0	1,070
393807197	24 G 2.5	28.8 – 36.4	576.0	1,415
393807199	36 G 2.5	33.2 – 41.8	864.0	2,025
393807204	7 G 4	20.1 - 25.5	268.8	655
393807205	12 G 4	24.4 – 30.9	460.8	1,050
393807206	18 G 4	28.8 – 36.4	691.2	1,565
393807154	3 G 185	57.0 - 72.0	5,328.0	7,580
393807174	4 G 185	64.0 - 80.0	7,104.0	10,060
393807155	3 G 240	65.0 - 82.0	6,912.0	9,830
393807175	4 G 240	72.0 - 91.0	9,216.0	13,035
YCW, acc. to JB/T 8735.2, CCC certified, w/o CE marking				
393807207	5 G 120	59.0 - 74.0	5,760.0	8,335
393807208	5 G 150	65.0 - 81.0	7,200.0	10,240

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.