1. Application

1.1. Hand-held and power supply devices
1.2. For dry and damp interiors, as well as for limited outdoor use
1.3. Light and sound technology
1.4. Medium mechanical stress Industrial,agricultural use

2. Reference Standard(s)

Type	Approval(s)	Reference standards	CE Mark
H07RN-F 450/750V	VDE	EN 50525-2-21	Yes

3. Cable Construction

3.1. Conductor : Fine strands of bare copper wires acc.to VDE 0295 Class 5/IEC 60228 Class 5
3.2. Core insulation : Rubber compound, type EI4 acc. to EN 50363-1
3.3. Core Identification : Up to 5 cors: according to VDE 0293-308
From 6 cores: black with white numbers；black with white numbers
3.4. Outer Sheath : Rubber type EM2 acc. to EN 50363-2-1, color black

4. Technical Data

4.1. Rated Voltage : 450/750 V
4.2. Test Voltage : AC 2500 V
4.3. Temperature Range : Flexing use: - 25 ℃ to + 60 ℃
4.4. Min. bending radius : Occasional flexing: 8 x outer diameter
Fixed installation: 4 x outer diameter
4.5 Protective conductor : G = with GN-YE protective conductor
X = without GN-YE protective conductor
4.6 EU Directive : 2014/35/EU (Low Voltage Directive)
4.7 CE Mark : Yes

5. Product Features

5.1 Flame retardant : IEC 60332-1-2
5.2 Oil-resistant : IEC 60811-404
5.3 Cold resistant : Down to -25 ℃
5.4 Ozon resistant : According to EN 50396

6. Dimensional Data

Part No.	No. of core(s) and conductor cross-section mm^2	Approx. Outer Diameter mm	Approx. Copper Weight kg/km	Approx. Cable Weight kg/km
393807154	3 G 185	57.0 - 72.0	5328	7580
393807155	3 G 240	65.0 - 82.0	6912	9830
393807174	4 G 185	64.0 - 80.0	7104	10060
393807175	4 G 240	72.0 - 91.0	9216	13035
393807190	7 G 1.5	14.7 –18.7	100.8	335
393807191	7 G 2.5	17.1 – 21.8	168	475
393807204	7 G 4	20.1 - 25.5	268.8	655
393807192	12 G 1.5	17.6 – 22.4	172.8	550
393807193	12 G 2.5	20.6 - 26.2	288	746
393807205	12 G 4	24.4 – 30.9	460.8	1050
393807194	18 G 1.5	20.7 – 26.3	259.2	755
393807210	16 G 2.5	23.0 – 26.0	384.0	940
393807195	18 G 2.5	24.4 – 30.9	432	1070
393807206	18 G 4	28.8 – 36.4	691.2	1565
393807196	24 G 1.5	24.3 – 30.7	345.6	985
393807197	24 G 2.5	28.8 – 36.4	576	1415
393807198	36 G 1.5	27.8 – 35.2	518.4	1370
393807199	36 G 2.5	33.2 – 41.8	864	2025