

Single core

Cross-sections / Maximum temperature on core	Maximum current carrying capacity (A)		
	H07RN-F / TITANEX Mobile Application	H07RN-F Fixed application	New Titanex Fixed application
	60°C	85°C	90°C
1.5	19,5	23	24
2.5	27	32	33
4	36	43	45
6	48	56	58
10	63	77	80
16	85	102	107
25	112	136	138
35	138	168	169
50	168	203	207
70	213	254	268
95	258	315	328
120	299	363	382
150	344	416	441
185	392	475	506
240	461	559	599
300	530	637	693
400	634	746	825
500	729	833	946

Three cores with Green/Yellow and Two cores

Cross-sections / Maximum temperature on core	Maximum current carrying capacity (A)		
	H07RN-F / TITANEX Mobile Application	H07RN-F Fixed application	New Titanex Fixed application
	60°C	85°C	90°C
1.5	22	23	26
2.5	30	32	36
4	40	43	49
6	51	56	63
10	70	77	86
16	94	102	115
25	119	136	149
35	147	168	185
50	179	203	225
70	229	254	289
95	278	315	352
120	322	363	410
150	371	416	473

Three cores without Green/Yellow + Four and Fives cores with Green/Yellow

Cross-sections / Maximum temperature on core	Maximum current carrying capacity (A)		
	H07RN-F / TITANEX Mobile Application	H07RN-F Fixed application	New Titanex Fixed application
	60°C	85°C	90°C
1.5	18,5	21	23
2.5	25	29	31
4	34	38	42
6	43	50	54
10	60	68	75
16	80	92	100
25	101	122	127
35	126	150	158
50	153	182	192
70	196	232	246
95	238	281	298
120	276	325	346
150	319	373	395
185	364	425	450
240	430	500	538

For 30°C as ambient temperature, for other temperature please refer to correction factors