

H07RN-F TITANEX® 450/750V

Industrial flexible cable, lead-free



Technical Data

Application-Installation

TITANEX® flexible cable is intended for installations with moving equipment, electric appliances and for building sites. The cable may be rated 0,6/1 kV where the installation has built-in protection and for motors in lifting appliances - machine tools - etc. This cable can be used in refrigerating installations.

This cable can be installed in open air or be buried but with extra mechanical protection.

Construction

1. Conductors

-Bare copper, laid up in concentric layers

2. Insulation

-Special cross-linked elastomer

3. Outer Sheath

-Special cross-linked elastomer, lead-free

-standard colour **black**

Standards

HD 22.4

IEC 60228, class 5

HD 516

IEC 60245-4 type 66

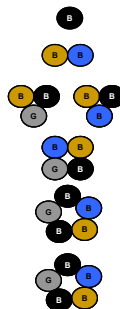
Main Characteristics

-Rated Voltage:	250/750V
-Maximum Conductor Temperature:	+85°C for continuous operating +60°C for normal use +200°C in short circuit
-Chemical resistance:	Accidental
-Mechanical resistance to impacts	
-Flame-retardant	
-Water-proof	
-Operating temperature, range:	-25°C...55°C

Core Identification

Normal Type

1 core:	black
2 cores:	brown, blue
3 cores:	>4mm ² : brown, black, grey 1,5&2,5mm ² : brown, black, blue
4 cores:	blue, brown, grey, black
5 cores:	blue, brown, black, grey, black
5+ cores:	blue, brown, black, grey, black



G-Type

3 cores:	yellow/green, blue, brown
4 cores:	yellow/green, brown, grey, black
5 cores:	yellow/green, blue, brown, black, grey



Marking

<har>N (x or G) S TITANEX®, N=number of cores, G=with Green-Yellow, x=without Green-Yellow, S=section mm²



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Part Number	Number of conductors & cross-section nXmm ²	Outer Ø mm		Approx. weight kg/km	Current rating A	Min. bending radius fixed installation mm	Packaging	
		min.	max.					
120241	1x1,5	5,7	7,1	50	23	21,3	Coil	100m
120252	1x2,5	6,3	7,9	66	32	23,7	Coil	100m
120263	1x4	7,2	9,0	94	43	27,0	Coil	100m
120274	1x240	30,6	38,3	2730	559	114,9	Drum	500m
120285	1x300	33,5	41,9	3480	637	125,7	Drum	500m
120296	1x400	37,4	46,8	4510	746	140,4	Drum	500m
120307	2x1	7,7	10,0	99	18	30,0	Coil	100m
120318	2x1,5	8,5	11,0	111	23	33,0	Coil	100m
120329	2x1,5	8,5	11,0	111	23	33,0	Drum	1000m
120340	2x2,5	10,2	13,1	161	32	39,3	Coil	100m
120351	2x2,5	10,2	13,1	161	32	39,3	Drum	500m
120362	2x4	11,8	15,1	238	43	45,3	Coil	100m
120373	3G1	8,3	10,7	113	18	32,1	Coil	100m
120384	3G1,5	9,2	11,9	134	23	35,7	Coil	100m
120395	3G1,5	9,2	11,9	134	23	35,7	Drum	500m
120406	3G1,5	9,2	11,9	134	23	35,7	Drum	1000m
120417	3G2,5	10,9	14,0	195	32	42,0	Coil	100m
120428	3G2,5	10,9	14,0	195	32	42,0	Drum	500m
120439	3G4	12,7	16,2	290	43	48,6	Coil	100m
120450	3G4	12,7	16,2	290	43	48,6	Drum	500m
120461	3G6	14,1	18,0	346	56	54,0	Coil	100m
120472	4G1	9,6	12,0	144	16	36,0	Coil	100m
120483	4G1,5	10,2	13,1	165	21	39,3	Coil	100m
120494	4G1,5	10,2	13,1	165	21	39,3	Drum	1000m
120505	4G2,5	12,5	15,5	245	29	46,5	Coil	100m
120516	4G2,5	12,5	15,5	245	29	46,5	Drum	500m
120527	4G4	14,0	18,0	357	38	54,0	Coil	100m
120538	4G4	14,0	18,0	357	38	54,0	Drum	500m
120549	4G6	15,7	20,0	443	50	60,0	Coil	100m
120560	4G10	20,8	26,5	818	68	79,5	Drum	500m
120571	4G35	32,5	41,1	2180	150	123,3	Drum	500m
120582	5G1	10,9	14,0	180	16	42,0	Coil	100m
120593	5G1,5	11,2	14,4	238	21	43,2	Coil	100m
120604	5G1,5	11,2	14,4	238	21	43,2	Drum	500m
120615	5G2,5	13,3	17,0	297	29	51,0	Coil	100m
120626	5G2,5	13,3	17,0	297	29	51,0	Drum	500m
120637	5G4	15,6	19,9	453	38	59,7	Coil	100m
120648	5G4	15,6	19,9	453	38	59,7	Drum	500m
120659	5G6	17,5	22,2	557	50	66,6	Coil	100m
120670	5G6	17,5	22,2	557	50	66,6	Drum	500m

