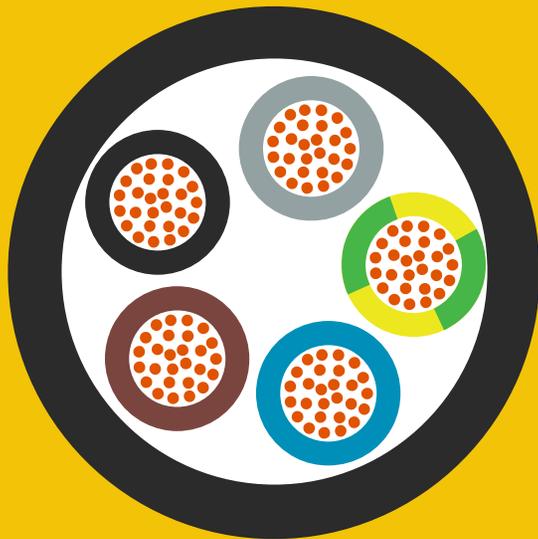




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CKS SAPFLEX PS512

Heavy standard construction



CKS Sapflex PS512 - HAR, power and control cable, rubber, heavy, 450/750 V, industrial and agricultural use, class 5, -25°C to +60°C, oil resistant, flame-retardant

Medium mechanical stress
Oil-resistant

ADVANTAGES

For mechanically more demanding applications
1000 V AC at protected + static laying
Arrangements made of single-core, rubber-sheathed cables H07RN-F can be used for short circuit-proof and short-to-ground-proof installations in accordance with IEC 60364-5-52/ HD 60364-5-52/ VDE 0100



APPLICATION RANGE

Handheld and power supply devices according to EN 50565-2
Medium, mechanical stress
Industrial, agricultural use
According to EN 50565-2: In dry, damp and wet rooms as well as for fixed installation e.g. on the plaster

PRODUCT FEATURES

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

PRODUCT MAKE-UP

Bare copper wire according to HAR
Core insulation: rubber compound, type EI 4
Outer sheath: rubber compound, type Em2

TECHNICAL DATA

Classification ETIM 5	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Classification ETIM 6	ETIM 6.0 Class-ID: EC001578 ETIM 6.0 Class-Description: Flexible cable
Conductor stranding	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius	4 to 8 x outer diameter (EN 50565-1)
Nominal voltage	U0/U: 450/750 V
Test voltage	2500 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Current rating	According to IEC 60364-5-52/ VDE 0298-4 EN 50565-1/ VDE 0298-565-1
Temperature range	Fixed installation: -25°C up to +60°C Occasionally moved: -25°C bis +60°C

ELECTRICAL INFORMATION

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
CKS SAPFLEX PS512				
CKS PS512 5101	1 X 1.5	5.7 - 7.1	14.4	59
CKS PS512 5201	1 X 2.5	6.3 - 7.9	24	72
CKS PS512 0401	1 X 4.0	7.2 - 9	38.4	99
CKS PS512 0601	1 X 6.0	7.9 - 9.8	57.6	130
CKS PS512 01001	1 X 10.0	9.5 - 11.9	96	230
CKS PS512 01601	1 X 16.0	10.8 - 13.4	153.6	320
CKS PS512 02501	1 X 25.0	12.7 - 15.8	240	450
CKS PS512 03501	1 X 35.0	14.3 - 17.9	336	605
CKS PS512 05001	1 X 50.0	16.5 - 20.6	480	825
CKS PS512 07001	1 X 70.0	18.6 - 23.3	672	1090
CKS PS512 09501	1 X 95.0	20.8 - 26	912	1405
CKS PS512 012001	1 X 120.0	22.8 - 28.6	1152	1745
CKS PS512 015001	1 X 150.0	25.2 - 31.4	1440	1887
CKS PS512 018501	1 X 185.0	27.6 - 34.4	1776	2274
CKS PS512 024001	1 X 240.0	30.6 - 38.3	2304	2955
CKS PS512 030001	1 X 300.0	33.5 - 41.9	2880	3479
CKS PS512 0103	3 X 1.0	8.3 - 10.7	28.8	130
CKS PS512 5102	2 X 1.5	8.5 - 11	28.8	135
CKS PS512 5103	3 X 1.5	9.2 - 11.9	43.2	165
CKS PS512 5104	4 X 1.5	10.2 - 13.1	57.6	200
CKS PS512 5105	5 X 1.5	11.2 - 14.4	72	240
CKS PS512 5107	7 X 1.5	14.7 - 18.7	100.8	385
CKS PS512 51012	12 X 1.5	17.6 - 22.4	172.8	516
CKS PS512 51019	19 X 1.5	20.7 - 30.7	273.6	800
CKS PS512 51024	24 X 1.5	24.3 - 30.7	345.6	882
CKS PS512 51025	25 X 1.5	25.1 - 35.2	360	920
CKS PS512 5202	2 X 2.5	10.2 - 13.1	48	195
CKS PS512 5203	3 X 2.5	10.9 - 14	72	235
CKS PS512 5204	4 X 2.5	12.1 - 15.5	96	290
CKS PS512 5205	5 X 2.5	13.3 - 17	120	294
CKS PS512 5207	7 X 2.5	17.1 - 21.8	168	520
CKS PS512 52012	12 X 2.5	20.6 - 26.2	288	810
CKS PS512 52019	19 X 2.5	25.5 - 36.4	456	1200

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
CKS PS512 52024	24 G 2.5	28.8 - 36.4	576	1298
CKS PS512 0402	2 X 4.0	11.8 - 13.4	76.8	270
CKS PS512 0403	3 X 4.0	12.7 - 16.2	115.2	320
CKS PS512 0404	4 X 4.0	14 - 17.9	153.6	395
CKS PS512 0405	5 X 4.0	15.6 - 19.9	192	485
CKS PS512 0407	7 X 4.0	20.1 - 25.5	268.8	681
CKS PS512 0603	3 X 6.0	14.1 - 18	172.8	360
CKS PS512 0604	4 X 6.0	15.7 - 20	230.4	475
CKS PS512 0605	5 X 6.0	17.5 - 22.2	288	760
CKS PS512 01003	3 X 10.0	19.1 - 24.2	288	880
CKS PS512 01004	4 X 10.0	20.9 - 26.5	384	1060
CKS PS512 01005	5 X 10.0	22.9 - 29.1	480	1300
CKS PS512 01603	3 X 16.0	21.8 - 27.6	460.8	1090
CKS PS512 01604	4 X 16.0	23.8 - 30.1	614.4	1345
CKS PS512 01605	5 X 16.0	26.4 - 33.3	768	1680
CKS PS512 02504	4 X 25.0	28.9 - 36.6	960	1995
CKS PS512 02505	5 X 25.0	32 - 40.4	1200	2470
CKS PS512 03503	3 X 35.0	29.3 - 37.1	1008	1910
CKS PS512 03504	4 X 35.0	32.5 - 41.4	1344	2645
CKS PS512 03505	5 X 35.0	35.7 - 45.1	1680	2810
CKS PS512 05004	4 X 50.0	37.7 - 47.5	1920	3635
CKS PS512 05005	5 X 50.0	41.8 - 53	2400	4050
CKS PS512 07004	4 X 70.0	42.7 - 54	2688	4830
CKS PS512 09504	4 X 95.0	48.4 - 61	3648	6320
CKS PS512 09505	5 X 95.0	54 - 67	4560	6600
CKS PS512 012004	4 X 120.0	53 - 66	4608	6830
CKS PS512 015004	4 X 150.0	58 - 73	5760	8320
CKS PS512 018504	4 X 185.0	64 - 80	7104	9800
CKS PS512 0124004	4 X 240.0	72 - 91	9216	12800