



SPEZIALKABEL / SPEZIALLEITUNGEN

KENFLEX EMC 2YSLCYK-J 3-cores

Motor power supply cable



conductor material:	bare Cu conductor, fine stranded
strand structure:	to VDE 0295, class 5 / IEC 60228 class 5
insulation:	polyethylene (PE)
core identification:	colours acc. To VDE 0293 (HD308)
screening:	aluminium foil + copper braid, tinned
outer sheath:	PVC
sheath colour:	black
Max. permitted operating voltage in 3 phase systems:	1,2 kV
rated voltage U₀/U:	600/1000 V
Test voltage:	4000 V
temperature range:	+5 to +70°C flexible -5 to +70°C during installation -30 to +70°C stationary
Protective conductor:	Yes
flame retardant:	VDE 0482-332-1-2/ IEC 60332-1-2

application: Motor power supply cable for EMC-compliant connection of a frequency converters. For uses with medium mechanical strain with permanent installation and occasional motion indoors and outdoors, but not in the ground. The version with the three-stranded protective conductor is thinner, lighter and distinguished by improved EMC-properties,

Bending radius for the following outer cable diameters

installation	< 12 mm	12-20 mm	over 20 mm
flexible	approx. 10 x D	approx. 15 x D	approx. 20 x D
stationary	approx. 5 x D	approx. 7,5 x D	approx. 10 x D

The products and information presented here are for technical calculation only.

They are subject to technical progress and in no way represent the ability of shipment.

Outer diameters are approximately.



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KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
483153025SW	2YSLCYK-J 3 x 1,5 + 3 x 0,25	12,0	86	213
483253050SW	2YSLCYK-J 3 x 2,5 + 3 x 0,5	13,0	144	264
483403075SW	2YSLCYK-J 3 x 4 + 3 x 0,75	15,0	224	347
483603100SW	2YSLCYK-J 3 x 6 + 3 x 1	16,0	298	429
483103150SW	2YSLCYK-J 3 x 10 + 3 x 1,5	21,0	491	692
483160325SW	2YSLCYK-J 3 x 16 + 3 x 2,5	24,0	723	921
483250340SW	2YSLCYK-J 3 x 25 + 3 x 4	28,0	1138	1267
483350360SW	2YSLCYK-J 3 x 35 + 3 x 6	30,0	1535	1674
483500310SW	2YSLCYK-J 3 x 50 + 3 x 10	35,0	2156	2280
483700310SW	2YSLCYK-J 3 x 70 + 3 x 10	39,0	2871	2963
483950316SW	2YSLCYK-J 3 x 95 + 3 x 16	42,0	3953	3758
483120316SW	2YSLCYK-J 3 x 120 + 3 x 16	47,0	4836	4565
483150325SW	2YSLCYK-J 3 x 150 + 3 x 25	52,0	5412	5757
483185335SW	2YSLCYK-J 3 x 185 + 3 x 35	57,0	6969	7018
483240340SW	2YSLCYK-J 3 x 240 + 3 x 40	62,0	8540	9089
483300350SW	2YSLCYK-J 3 x 300 + 3 x 50	70,0	13482	14945