

REELING, LIFT & SPECIALTY CABLES

Spreader 722 PUR control cable for basket operation



Marking for Spreader 722 07224225:
SAB BRÖCKSKES · D-VIERSEN · Spreader 722 42 G 2.5 mm² CE

The Spreader 722 is used for load-lift equipment, e.g. spreader with high mechanical stress in gravity-fed vertical basket operation.

Construction:

Conductor:	bare copper strands
Insulation:	PVC
Color code:	black conductors with consecutive numbers acc. to EN 50334 and green-yellow earth wire
Suspension unit:	aramid braided with lead, 50 m of the suspended cable are supported by a 5 times safety calculation
Stranding:	conductors are twisted to bundles with lead cord in the center
Wrapping:	overlapping non-woven tape
Stranding:	bundle and lead cords twisted, suspension unit in the center
Wrapping:	overlapping non-woven tape
Jacket material:	PUR
Jacket color:	black

Outstanding features:

- for basket applications
- high tensile load of supporting unit
- oil resistant
- weather resistant

Technical data:

Nominal voltage:	U _o /U 300/500 V
Testing voltage:	conductor/conductor 2000 V
Current-carrying capacity:	acc. to DIN VDE 0298-4, see page O/20 + 21
Temperature range:	
<i>fixed laying:</i>	-20/+60°C
<i>flexible:</i>	-20/+60°C
<i>max. allowed operating temperature at conductor:</i>	+70°C
<i>short circuit temperature at conductor:</i>	+150°C
Tensile load:	max. 15 N/mm ² x sum of all cable sections
Recommended cage dimensions:	cage diameter min. 30 x O.D. cage height approx. 45 x O.D.
Travel speed hoisting gear:	max. 160 m/min.
Oil resistance:	very good - TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
Weather resistance:	appropriate for use in dry, damp and wet applications as well as in the open-air with a very good resistance against ozone, UV radiation and humidity

Due to the lead cord, this cable isn't free of harmful substances acc. to RoHS directive of the European Union

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item no.	no. of conductors incl. ground	nominal inch	outer-ø mm	cable weight ≈ lbs/mft
▶ 18 AWG (≈ 56/34) • 1.00 mm²				
07224810	48	1.264	32.1	1311
▶ 14 AWG (≈ 140/34) • 2.50 mm²				
07222425	24	1.169	29.7	1116
07223025	30	1.295	32.9	1355
07223625	36	1.425	36.2	1725
07224225	42	1.543	39.2	2135
07224825	48	1.650	41.9	2390
▶ 12 AWG (≈ 224/34) • 4.00 mm²				
07222035	20	1.217	30.9	1157
07222435	24	1.307	33.2	1393
07223035	30	1.457	37.0	1724
07223635	36	1.583	40.2	2162

Other dimensions and colors are possible on request.