

CABLES FOR CRANE AND CONVEYOR APPLICATIONS

Spreader 722 Control cable hoisting cages in crane systems



SAB BRÖCKSKES · D-VIERSEN · Spreader 722 42 x 2,5 mm² CE

Marking for Spreader 722 07224225:
SAB BRÖCKSKES · D-VIERSEN · Spreader 722 42 x 2,5 mm² CE

Construction:

Conductor:	bare copper strands
Insulation:	PVC
Colour code:	black cores with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 cores
Suspension unit:	Armid braided with lead, 50 m of the suspended cable are supported by a 5 times safety calculation
Stranding:	cores are twisted to bundles with lead cord in the centre
Wrapping:	overlapping non-woven tape
Stranding:	bundle and lead cords twisted, suspension unit in the centre
Wrapping:	overlapping non-woven tape
Sheath material:	PUR
Sheath colour:	black (RAL 9005)

Outstanding features:

- for hoisting cage applications
- high breaking load of supporting unit
- oil resistant
- weather resistant
- EAC approval

Technical Data:

Nominal voltage:	U ₀ /U 300/500 V
Testing voltage:	core/core 2000 V
Temperature range	
<i>fixed laying:</i>	-20/+60 °C
<i>flexible application:</i>	-20/+60 °C
<i>max. allowed operating temperature at conductor:</i>	+70 °C
<i>short circuit temperature at conductor:</i>	+150 °C
Tensile strength:	max. 15 N/mm ² x sum of all cable sections
Recommended cage dimensions:	cage diameter min. 30 x d, cage height approx. 45 x 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 applications in dry, damp and wet rooms 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

item no.	no. of cores x cross section n x mm ²	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
07224810	48 x 1,00	32,1	460,8	1951
07222425	24 x 2,50	29,7	576,0	1660
07223025	30 x 2,50	32,9	720,0	2016
07223625	36 x 2,50	36,2	864,0	2567
07224225	42 x 2,50	39,2	1008,0	3177
07224825	48 x 2,50	41,9	1152,0	3556
07222035	20 x 3,50	30,9	633,6	1722
07222435	24 x 3,50	33,2	760,3	2073
07223035	30 x 3,50	37,0	950,4	2565
07223635	36 x 3,50	40,2	1140,5	3218

Other dimensions and colours are possible on request.



Application:
Cable for carriers
for example
spreaders with
high mechanical stress
and
vertical cage operation