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## CKS SAPFLEX PS528 SC

Highly flexible, screened single core cable with PVC insulation and PVC sheath



CKS Sapflex PS528 SC - Screened single core power cable for versatile use in power chains

Core Line Performance - Medium to increased travel lengths or acceleration  
EMC compliant copper screening

### ADVANTAGES

- Multi-standard certification reduces part varieties and saves costs
- For various applications
- Also suitable for fixed installation where space is limited
- Copper screening complies with EMC requirements and protects against electromagnetic interference
- Certified for the USA and Canada for export-oriented machine, appliance and apparatus manufacturers



### APPLICATION RANGE

- In power chains or moving machine parts
- For internal wiring of electric and electronic equipment in switch cabinets
- Specially designed for power circuits of servomotors driven by frequency converters
- This cable can substitute screened multi-core motor cables where space requirements or minimum bending radii cause problems
- Test systems in the automotive industry, vehicles and stationary fuel cell systems

### PRODUCT FEATURES

- Flame-retardant
- High oil-resistance
- Low-adhesive surface
- EMC-compliant

### PRODUCT MAKE-UP

- Extra-fine wire strand made of bare copper wires (class 6)
- Non-woven wrapping
- Core insulation: PVC
- Tinned-copper braiding
- PVC outer sheath

### TECHNICAL DATA

Classification ETIM 5	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
Classification ETIM 6	ETIM 6.0 Class-ID: EC000057 ETIM 6.0 Class-Description: Low voltage power cable
Conductor stranding	Extra-fine wire according to VDE 0295, class 6/IEC 60228 class6
Minimum bending radius	Flexing: up from 7.5 x outer diameter Fixed installation: 3 x outer diameter
Nominal voltage	IEC: U0/U 600/1000 V UL & CSA: 600 V
Test voltage	4000 V
Temperature range	Flexing: -5°C to +70°C (UL: +90°C) Fixed installation: -40°C to +80°C (UL: +90°C)

## ELECTRICAL INFORMATION

Article number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
<b>CKS SAPFLEX PS528 SC</b>				
CKS PS528-SC10	10	9.7	127.6	227
CKS PS528-SC16	16	11.2	186.2	297
CKS PS528-SC25	25	12.5	257.8	410
CKS PS528-SC35	35	15.1	400.7	607
CKS PS528-SC50	50	17.1	554.8	808
CKS PS528-SC70	70	19.4	775.6	1081
CKS PS528-SC95	95	20.9	1,028.1	1382
CKS PS528-SC120	120	24.5	1,282.4	1752
CKS PS528-SC150	150	26.2	1578	1924
CKS PS528-SC185	185	29.2	1935	2611
CKS PS528-SC240	240	32.9	2526	3372
CKS PS528-SC300	300	34.8	3,128.8	4105

