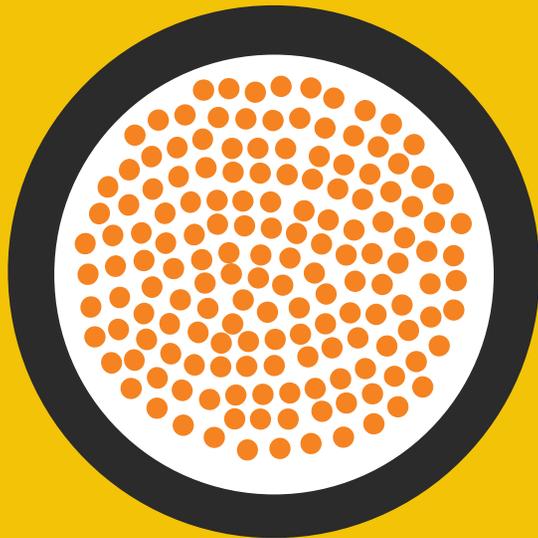




15

CKS SAPFLEX PS514

Normative arc-welding cable



CKS Sapflex PS514- HAR-certified, power and control cable, rubber arc-welding cable, NSLFFÖU-based, 100VAC, 150VDC, EN 50525-2-81, IEC 60245, flame-retardant

Arc welding cable according to EN 50525-2-81
Formerly, VDE type NSLFFÖU

ADVANTAGES

Type-compliant versions <HAR>-certified with "<HAR>" testing and certification mark for accelerated granting of approvals if final application of cable is within the European CENELEC area



APPLICATION RANGE

Use the welding cable only under consideration of EN 50565-2
For use on handheld electrode holder up to 100 V
Can be used in dry or damp rooms
For transmitting high currents from the electric welding device to the welding tool

PRODUCT FEATURES

Flame-retardant according IEC 60332-1-2
<HAR> PS514 cable type approval according to EN 50525-2-81

PRODUCT MAKE-UP

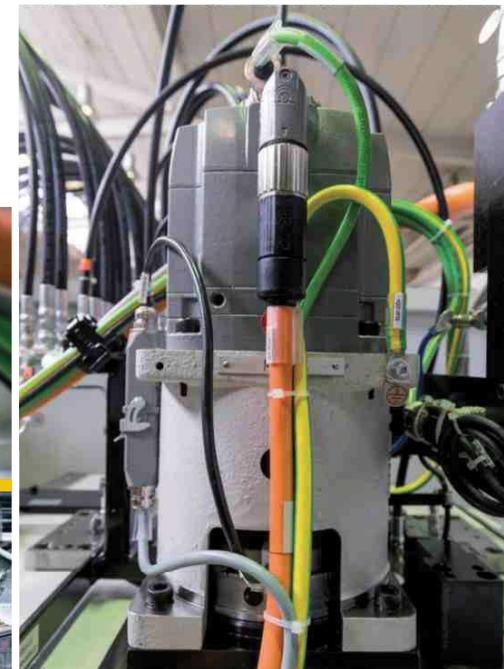
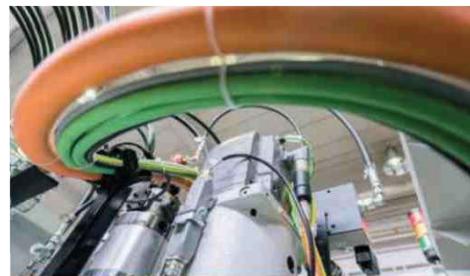
Bare copper wire according to HAR
Stranding approximately corresponds to class 6 up to 95 mm², and from 120 mm² approximately to class 5 acc. to VDE 0295
Separator made of synthetic film or paper
Outer sheath: rubber compound, type Em5

TECHNICAL DATA

Classification ETIM 5	ETIM 5.0 Class-ID: EC000824 ETIM 5.0 Class-Description: Welding cable
Classification ETIM 6	ETIM 6.0 Class-ID: EC000824 ETIM 6.0 Class-Description: Welding cable
Conductor stranding	H01N2-D according to EN 50525-2-81
Minimum bending radius	4 to 8 x outer diameter (EN 50565-1)
Nominal voltage	U0/U: 100/100 V
Test voltage	1000 V
Current rating	According to VDE 0298 EN 50565-1/ VDE 0298-565-1
Temperature range	Flexible use: -20°C to +85°C

ELECTRICAL INFORMATION

Article number	Conductor cross-section (mm ²)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
CKS SAPFLEX PS514				
CKS PS514 -10	10	7.7 - 8.7	96	171
CKS PS514 -16	16	8.8 - 9.8	153.6	198
CKS PS514 -25	25	10.1 - 11.3	240	305
CKS PS514 -35	35	11.4 - 12.6	336	415
CKS PS514 -50	50	13.2 - 14.6	480	555
CKS PS514 -70	70	15.3 - 16.9	672	765
CKS PS514 -95	95	17.1 - 18.8	912	1010
CKS PS514 -120	120	19.2 - 21.1	1152	1262
CKS PS514 -150	150	21.1 - 23.2	1440	1610
CKS PS514 -240	240	25.8 - 27.7	2304	2520



Servo Application