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CKS SAPFLEX PS550

Black, robust PUR spiral cable with high recoiling forces



CKS Sapflex PS550 - PUR spiral cable, robust and with high recoiling forces.
 Color-coded power cable for use in machines and as flexible power connection
 Heavy construction type, Outer sheath: PUR, with high recoiling forces, Voltage rating 450/750 V

ADVANTAGES

Good cost-benefit ratio
 Increased durability under harsh conditions thanks to robust PUR outer sheath
 Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media
 Wide application range

APPLICATION RANGE

Construction of engines and appliances with flexible power connections as well as at dockyards
 Construction of machinery and powered doors
 Measurement and control technology
 Any commercial/industrial/agricultural facility: connection of tools, appliances and mobile motors
 For indoor and outdoor use

PRODUCT FEATURES

Black, robust outer PUR sheath
 High tensile strength and abrasion-resistance
 High restoring forces
 High resistance to oil, low temperatures, microbes and hydrolysis

PRODUCT MAKE-UP

Tinned stranded copper wire of braided conductor class 5 according to IEC 60228/VDE 0295
 Core insulation: EI6 rubber according to EN 50525-1 & EN 50363-1/ VDE 0207-363-1; coloured according to HD 308/VDE 0293-308; VDE and HAR marking of the unspiralled H07BQ-F (sold by the metre) as the basic material for the spiralling



Use of talcum

Black, outer PUR sheath made of TPU according to EN 50525-2-21; marking "PS550..."
 For the 4 standard solid lengths available, please see the article table below
 Radial outflow shape at cable ends - length of ends: 200 mm at the first end/600 mm at the other end
 Versions with other solid lengths, end lengths and end forms available on request

TECHNICAL DATA

Classification ETIM 5	ETIM 5.0 Class-ID: EC000247 ETIM 5.0 Class-Description: Spirialized cable
Classification ETIM 6	ETIM 6.0 Class-ID: EC000247 ETIM 6.0 Class-Description: Spirialized cable
Conductor stranding	Fine wire according to IEC 60228/VDE 0295, class 5 tinned strands
Minimum bending radius	Flexible use: 12.5 x outer diameter
Nominal voltage	U0/U: 450/750 V
Test voltage	3000 V
Protective conductor	G = with GN-YE protective conductor
Temperature range	-25 °C to +50 °C (spiralled)

ELECTRICAL INFORMATION

Article No.	Number of cores and mm ² per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
CKS PS550 5103	3 X 1.5	1500	500	9	31
CKS PS550 51031	3 X 1.5	3000	1000	9	31
CKS PS550 51032	3 X 1.5	4500	1500	9	31
CKS PS550 51033	3 X 1.5	6000	2000	9	31
CKS PS550 5104	4 X 1.5	1500	500	10	38
CKS PS550 51041	4 X 1.5	3000	1000	10	38
CKS PS550 51042	4 X 1.5	4500	1500	10	38
CKS PS550 51043	4 X 1.5	6000	2000	10	38
CKS PS550 5105	5 X 1.5	1500	500	11	40
CKS PS550 51051	5 X 1.5	3000	1000	11	40
CKS PS550 51052	5 X 1.5	4500	1500	11	40
CKS PS550 51053	5 X 1.5	6000	2000	11	40