PURCEE INDUSTRIAL POWER & CONTROLS

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Introducing Purcee Industrial Power & Controls' Rubber Cables

Utilizes a protective layer of metal, made of steel or aluminium providing enhanced durability and resistance to mechanical damage, moisture, and environmental hazards.

KT-R(StD)N - Individual Screened Rubber Cable With Pilot Cores

- 4 Pilot Cores 4CX10MM²
- 4 Pilot Cores 4CX16MM²
- 4 Pilot Cores 4CX35MM²

Applications

Heavy duty rubber sheathed flexible cables for high and medium mechanical demands to connect moving implements, power appliances and machines. These cables are used on the machinery and devices such as industrial equipments, electric tools and agricultural machines which are operated within dry, humid and wet environments.

Owing to their resistance against oil, diesel oil, acids, chemicals, ozone and flame; they are suitable for usage in moving engines, shipyards and building lots. Eligibility due to direct laying on mechanical parts, These cables are also used for lifts and cranes.

Technical Data		
Standard	Based on EN 50525-2-21	
Rated voltage Uo/U	0,6/1 kV AC	
Temperature Range	Moved protected installation -25°C up to +60°C	Fixed protected installation -35°C up to +85°C
Max. temperature at conductor	+60°C	
Max. temperature of during short circuit	+200°C	
Test voltage	2500 V AC	
Minimum bending radius	Moved application approx. 10 x cable Ø	Fixed installation approx. 6 x cable Ø

Cable Structure

Conductor	Insulation	Core Identification	Group Stranding	Group Sheathing	Individual Shielding	Separator	Outer Sheath	Colour
Power; Bare copper / Control; Tin plated copper, fine stranded flexible acc. to DIN VDE 0295 class 5, IEC/EN 60228 cl. 5	EI4 type rubber compound acc. to EN 50363-1	Power cores; Coloured / Control cores: Black, number printed	Control cores are laid up under nonwoven tape and AL/ PES tape with drain wire	Shielded group is sheathed	AL/PES tape overlapping and tinned copper wires spirally applied on Power cores	PES tape	EM2 type rubber compound acc. to EN 50363-2-1	Black

No of cores x Cross-Section (N x S) mm²	4x10 + 4x0,5	4x16 + 4x0,5	4x35 + 4x0,5
Cable Outer Ø Diameter (±5%) mm	27,2	28,6	37,2
Cable Weight Approx. kg/km 4x10 + 4x0,5	1250	1550	2650

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