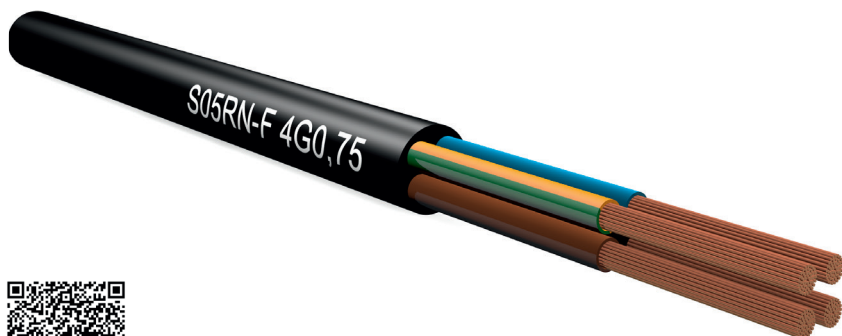


S05 RN-F

Flexible rubber cable

RoHS

CROSS SECTION



Acc. to DIN VDE 0482-332-1-2/IEC 60332-1

APPLICATION

For connecting electrical equipment subject to low mechanical loads, whether in moving or fixed installation. For example, Venetian blinds for indoors or on façades. Suitable for use indoors, outdoors and in potentially explosive atmospheres. The general provisions established in DIN VDE 0298-300 also apply.

SPECIAL FEATURES

Sheath colour
Black

STRUCTURE

Conductor	Copper conductor, bare, flexible (class 5) according to DIN VDE 0295 and IEC 60228 cl. 5, HD 383
Cores	Insulation made from rubber compound EI4
Outer sheath	Rubber compound EM2

TECHNICAL DATA

Nominal voltage	300 V/500 V
Test voltage	2000 V
Alternating or three-phase current	Conductor-earth/conductor-conductor 318/550 V
Direct current	Conductor-earth/conductor-conductor 413/825 V
Conductor resistance	Max. 26.0 Ohm/km
Installation temperature	-25°C to +60°C
Operating temperature	-40°C to +40°C
Conductor limit temperature	Max. +60°C under permanent load
Conductor limit temperature	Max. +200°C in the event of a short circuit
Bending radius, moving	4 x cable diameter
Bending radius, fixed installation	3 x cable diameter
Tensile strength	Max. 15 N/mm ²
Oil resistance of the outer sheaths	Test according to DIN EN 60811-2-1
Flammability	Test according to DIN EN 60332-1-2

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
S05RN-F 4x0.75	29.0	7.6	120	1032031