

Definition

Technical definition:H05S-K

Voltage rating:300/ 500 V



Max. operating temperature:

operating service:180°C

short-circuit (5 s.) :350°C



Voltage test: 2000V(15 min.)

Constructive description: According to UNE 21027-3; HD 22.3 standards.



1 Flexible electrolytic copper conductor class 1 according to UNE-EN 60228/ EN 60228 /IEC 60228 standard.



2 Insulation made by a silicon rubber compound type EI2, UNE 21027-1 (HD22.1) standards.

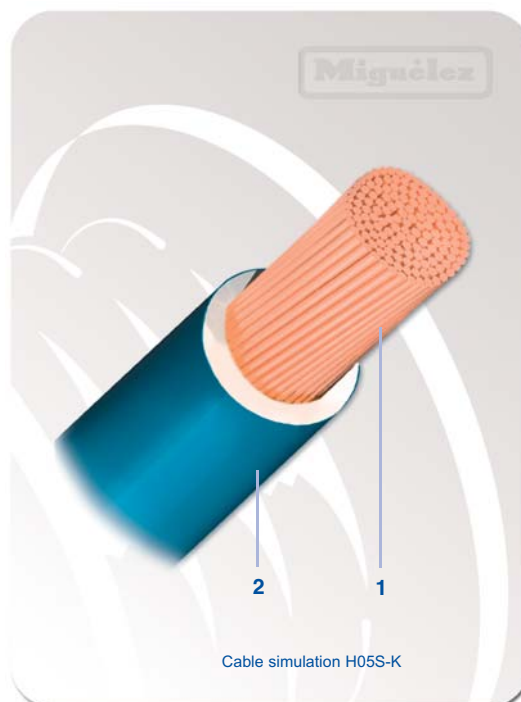


These cables are always single core.

Rank of temperature of storage, transport and handling:

T. minimum °C: -25

T. maximum °C: +40 (1)



Applications

Installation typeFIXED

Users guide:

H05S-K: "For internal wiring in high environmental temperatures and protected places. The maximum temperature of the conductor in normal use is 180° C. Cable can be damaged for abrasion. It is convenient to have well-taken care of to avoid this in use and installation." (UNE 21176)

Suitable installation methods:

H05S-K: "In internal wiring of mechanisms and electrical equipment. For use in temperature zones. The water presence is not accepted in contact with the cable."

Marked

Cable must have mark H05S-K, printed on sheath.
Mark must be perfectly legible.

300 V- 500 V



H 0 5 S - K



Dimensional characteristics and colour

Code	Nominal cross section	Ø Overall	Insulation thickness	Weight	Conductor resistance 20°C	Colour available
	mm ²	mm	mm	Kg/km	Ohm/km	
H 0 5 S - K						
82930	1x0.5	2,6	0,8	10,86	39	
82931	1x0.75	2,7	0,8	13,15	26	
82932	1x1	2,9	0,8	15,81	19,5	
82933	1x1,5	3,3	0,9	21,78	13,3	
82934	1x2,5	4	1	33,36	7,98	

180°C

300-500 V