

Definition

Technical definition:H05S-U

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 Solid electrolytic copper conductor class 1 according to UNE-EN 60228/ EN 60228 /IEC 60228 standard. 2



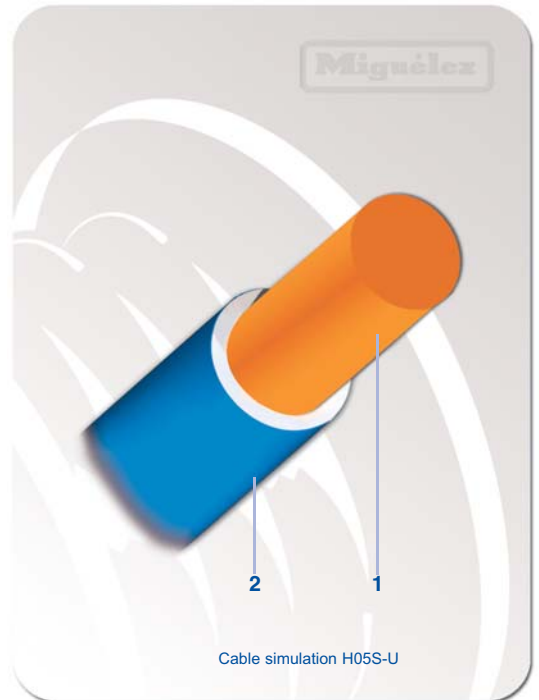
Insulation made by a silicon rubber compound type EI2, UNE 21027-1 (HD 22.1) standard.

These cables are always single-core.



Rank of temperature of storage, transport and handling:

T. minimum °C: -25 T. maximum °C: +40 (1)



Cable simulation H05S-U

Applications

Installation type:FIXED

Users guide:

H05S-U: "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-U: "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-U**, printed on sheath
Mark must be perfectly legible.

300 V- 500 V



 H 0 5 S - U


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 - U						
82900	1x0.5	2,4	0,8	8,5	36	
82901	1x0.75	2,6	0,8	13,9	24,5	
82902	1x1	2,8	0,8	16	18,1	
82903	1x1,5	3,2	0,9	22	12,1	
82904	1x2,5	3,8	1	33	7,41	

180°C

300-500 V