

H05S-K

Silicone cables

Unbraided non-sheathed heat resistant silicone rubber insulated cable.



TECHNICAL DATA

Nominal tension	300/500 V
Conditions of employment	Internal wiring and in protected locations at high ambient temperatures limited by maximum conductor temperature in normal use of 180 °C.
Type of electrical conductor	Flexible red copper
Type of insulation	EI2 (EN 50363-1)
Color of the outer sheath	According to standard
Operating temperature	-25° C +180° C
Short circuit temperature	+350° C on the conductor (max 5 sec.)
Test voltage	2000 V
Cable marking	ELETTRO BRESCIA IEMMEQU <HAR> H05S-K 1 x section

REFERENCES STANDARDS

Main rule	EN 50525-2-41
Conductor	EN 60228; IEC 60228

DIMENSIONS

Nominal section	Wires max diameter	Conductor diameter	Insulation thickness	Insulation diameter \pm 0,1	Minimum average external diameter	Medium min outer diameter	Medium max outer diameter	Electrical resistance 20°C	Approximate weight	CU Factor
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(?/km)	(kg/km)	(kg/km)
1x0,50	0,21	0,86	0,80	N/A	N/A	2,40	2,60	39,0000	N/A	4,8000
1x0,75	0,21	1,05	0,80	N/A	N/A	2,60	2,80	26,0000	N/A	7,2000
1x1,00	0,21	1,21	0,80	N/A	N/A	2,70	2,90	19,5000	N/A	9,6000
1x1,50	0,26	1,49	0,90	N/A	N/A	3,20	3,40	13,3000	N/A	14,4000
1x2,50	0,26	1,92	1,00	N/A	N/A	3,90	4,10	7,9800	N/A	24,0000

CORES IDENTIFICATION

Cores number	Insulation colour sequence
1	NA

Refer to the CEI EN 50565 standard series as a guide to the use of cables with nominal voltage not exceeding 450/750 V (U0/U) and to the CEI 20-92 standard as a guide for the handling and storage of wooden reels for cables electrical.

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