

H03S-K

Silicone cables

Unbraided non-sheathed heat resistant silicone rubber insulated cable.



TECHNICAL DATA

Nominal tension	300/300 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 tinned 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> H03S-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	0,60	N/A	N/A	2,0	2,7	40,1000	N/A	4,8000
1x0,75	0,21	1,05	0,60	N/A	N/A	2,1	2,8	26,7000	N/A	7,2000
1x1,00	0,21	1,21	0,60	N/A	N/A	2,2	3,0	20,0000	N/A	9,6000
1x1,50	0,26	1,44	0,70	N/A	N/A	2,8	3,6	13,7000	N/A	14,4000
1x2,50	0,26	1,88	0,80	N/A	N/A	3,3	4,3	8,2100	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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