

Datasheet H05BQ-F

Version 1/2009

Polyurethane Building Site Cable with Rubber Insulated Conductors

Application:

This termination and connection cable with high mechanical stress-resistance can be used in dry, damp or wet rooms as well as in the open-air. It is ideal for application in industrial plants, building sites, in fact everywhere where extreme wear and tear resistance is required and where the cable is subjected to hard utilisation.



Construction:

- 1 fine-stranded tinned or bare copper
- 2 core insulation of a rubber compound (EL6)
- 3 outer sheath of polyurethane (PUR), orange

According to:

DIN VDE 0282-10
DIN EN 60228 class 5 (construction)
HD 308 S2 (core identification)
HD 22.10 S1+A1

Technical data:

Nominal voltage U ₀ /U	[V]	300 / 500 Volt
Test voltage	[V] _{AC}	2000
Temperature range	in motion	-40 °C till +90 °C
Operating temperature	short circuit	200
Short circuit time	max.	[sec] 5
Bending radius	one time / fixed	x diameter 4
Bending radius	in motion	x diameter 5
Oil-resistant	standard	EN 60811-2-1
Flammability	standard	EN 60332-1-2

Number of cores and nominal cross section mm ²	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
2 X 0,75	15,0	24 x 0,21	6,8	51
3 G 0,75	22,5	24 x 0,21	7,4	66
4 G 0,75	30,0	24 x 0,21	7,9	79
5 G 0,75	37,5	24 x 0,21	8,8	97
2 X 1	20,0	30 x 0,21	7,4	61
3 G 1	30,0	30 x 0,21	7,8	76
4 G 1	40,0	30 x 0,21	8,4	92
5 G 1	50,0	30 x 0,21	9,4	116