



Bit 1000 H

UV-resistant halogen free control and power cable 0,6/1 kV

- Halogen free
- Oil resistant
- UV-resistant
- Direct burial
- Silicon free(during production)
- Flame retardant
- Self-extinguishing
- Low smoke
- CPR, Dca

Flexible halogen free power- and control cable. Intended for use in industrial devices, technological lines and machines. In dry and damp rooms, especially in applications with increased fire safety requirements. Also for unprotected outdoor use and direct burial. Cables classified acc. to EN 50575 (CPR).

Specification

STANDARD	VDE 0295, EN 60228 cl. 5
APPROVALS	RoHS 2002/95/WE, CE (LVD 2006/95/WE)
RATED VOLTAGE UO/U	0,6/1kV
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	Halogen free special compound
CORE IDENTIFICATION	Black with white numerals
PROTECTIVE CONDUCTOR	Yellow/Green
OUTER SHEATH	Halogen free special compound
SHEAT COLOUR	Black
BENDING RADIUS FIXED	6 x cable diameter

BENDING RADIUS MOVED	10 x cable thickness
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+80°C
MIN OPERATING TEMPERATURE MOVED	-5°C
MAX OPERATING TEMPERATURE MOVED	+70°C
TESTING VOLTAGE	4000V
HALOGEN-FREE / SMOKE EMISSION	IEC 60 754-1 & IEC 60 754-2
SMOKE EMISSION	IEC 61034-2
BURNING BEHAVIOR CPR	Dca-s2,d2,a1
FLAME RETARDANT	IEC 60332-1, IEC 60332-3-24
MANUFACTURER	Bitner

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M
0255020	2x1,0	8.7	10.6
0255030	3G1,0	9.2	12.5
0255040	4G1,0	9.8	14.7
0255050	5G1,0	10.6	17.1
0255060	7G1,0	11.4	20.6
0255070	12G1,0	14.5	31.5
0255080	18G1,0	16.8	44
0255090	25G1,0	19.9	59
0255100	2x1,5	9.5	13.1
0255110	3G1,5	10	15.3
0255120	4G1,5	10.8	18.4
0255130	5G1,5	11.7	21.6
0255140	7G1,5	12.6	26
0255150	12G1,5	16.2	41
0255160	18G1,5	18.8	57.5
0255170	25G1,5	22.6	78.5
0255180	3G2,5	11.1	20.2
0255190	4G2,5	12.1	24.5
0255200	5G2,5	13.2	29