



Accordia HSLH -OB/-JB/-OZ/-JZ

Control Cables Halogen Free

Image representative of cable family. Actual cable may vary.

CPR Class Dca s1,d1,a1

FlameSmart technology

Based on DIN EN50363-7/VDE 0207-363-7 & DIN EN50363-8/VDE 0207-363-8

Halogen Free

STANDARDS AND CERTIFICATES

Standards	Based on DIN EN50363-7/VDE 0207-363-7 & DIN EN50363-8/VDE 0207-363-8 EN 60228 EN 50575
CPR Class	Dca s1,d1,a1
DOP	1002726
ROHS II	complies

CONSTRUCTION

Conductors	Flexible copper class 5
Insulation	Low Smoke Zero Halogen (Flame Retardant)
Laying up	Cores stranded
Core Identification	Different colors without repetition, based on VDE 0293-308, with (-JB) or w/o (-OB) green-yellow core. Black with white number cores available upon request
Outer Sheath	Low Smoke Zero Halogen (Flame Retardant) grey

ELECTRICAL CHARACTERISTICS

Operation Voltage	300/500 V
Test Voltage	2000 V
DC Resistance	0,50mm ² <39,00 Ohm/km 0,75mm ² <26,00 Ohm/km 1,00mm ² <19,50 Ohm/km 1,50mm ² <13,30 Ohm/km 2,50mm ² <7,98 Ohm/km 4,00mm ² <4,95 Ohm/km

MECHANICAL CHARACTERISTICS

Minimum bending radius Fix Installation	5 x Φ outer sheath
Operation Temperature Fix Installation	-20 C up to + 70 C
Standard packaging	5x100m, 1x500m

APPLICATIONS

SMART BUILDING

SAFETY & SECURITY

INDUSTRIAL

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OUTER DIMENSIONS

No Cores X Cross-section (mm ²)	Approx. Outer Sheath (mm)
2x0,50	5,10
3x0,50	5,40
4x0,50	5,80
5x0,50	6,10
6x0,50	6,70
2x0,75	5,60
3x0,75	5,90
4x0,75	6,40
5x0,75	6,80
6x0,75	7,40
2x1,00	5,80
3x1,00	6,10
4x1,00	6,70
5x1,00	7,10
6x1,00	7,70
2x1,50	6,20
3x1,50	6,60
4x1,50	7,20
5x1,50	7,60
6x1,50	8,30
7x1,50	8,30
2x2,50	7,20
3x2,50	7,60
4x2,50	8,40
5x2,50	9,00
6x2,50	9,80
7x2,50	9,80
2x4,00	8,00
3x4,00	8,90
4x4,00	9,80
5x4,00	10,60
6x4,00	11,60
7x4,00	11,60



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