



Accordia HSLH B2ca LSZH -OB/-JB/-OZ/-JZ

Control Cables Halogen Free

Image representative of cable family. Actual cable may vary.

CPR Class B2ca 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

B2ca s1,d1,a1

DOP

1002705

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

0,50mm² <39,00 Ohm/km

0,75mm² <26,00 Ohm/km

1,00mm² <19,50 Ohm/km

1,50mm² <13,30 Ohm/km

2,50mm² <7,98 Ohm/km

4,00mm² <4,95 Ohm/km

MECHANICAL CHARACTERISTICS

Minimum bending radius Fix

5 x Φ outer sheath

Installation

Operation Temperature Fix

-20 C up to + 70 C

Installation

Standard packaging

5x100m, 1x500m

APPLICATIONS

SMART BUILDING

SAFETY & SECURITY

INDUSTRIAL

**Accordia HSLH B2ca LSZH
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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
2x0,75	5,60
3x0,75	5,90
4x0,75	6,40
5x0,75	6,80
2x1,00	5,80
3x1,00	6,10
4x1,00	6,70
5x1,00	7,10
2x1,50	6,20
3x1,50	6,60
4x1,50	7,20
5x1,50	7,60
2x2,50	7,20
3x2,50	7,60
4x2,50	8,40
5x2,50	9,00
2x4,00	8,00
3x4,00	8,90
4x4,00	9,80
5x4,00	10,60



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