



## Accordia HSLCH 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

1002704

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

Screen

Tinned copper braid

Outer Sheath

Low Smoke Zero Halogen (Flame  
Retardant) grey

### ELECTRICAL CHARACTERISTICS

Operation Voltage

300/500 V

Test Voltage

2000 V

DC Resistance

0,50mm<sup>2</sup> <39,00 Ohm/km

0,75mm<sup>2</sup> <26,00 Ohm/km

1,00mm<sup>2</sup> <19,50 Ohm/km

1,50mm<sup>2</sup> <13,30 Ohm/km

2,50mm<sup>2</sup> <7,98 Ohm/km

4,00mm<sup>2</sup> <4,95 Ohm/km

### MECHANICAL CHARACTERISTICS

Minimum bending radius Fix

5 x  $\Phi$  outer sheath

Installation

Operation Temperature Fix

-20 C up to + 70 C

Installation

Standard packaging

5x100m, 1x500m

APPLICATIONS

SMART BUILDING

SAFETY & SECURITY

INDUSTRIAL

**Accordia HSLCH B2ca LSZH  
-OB/-JB/-OZ/-JZ**

**OUTER DIMENSIONS**

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

 Cable is not intended for direct connection to the mains electricity supply.



Pentalofos, T. 2310 787202  
P.O.Box 10229  
54012 Thessaloniki - Greece  
welcome@accordia.gr  
www.accordia.gr