

Accordia LiHCH (TP) B2ca LSZH

Control Cables Halogen Free

Image representative of cable family. Actual cable may vary.

CPR Class B2ca s1,d1,a1

FlameSmart technology

Based on VDE0812 & 0814

Halogen Free

**Cores twisted in pairs
(Twisted Pairs)**

STANDARDS AND CERTIFICATES

| | |
|-----------|--|
| Standards | Based on VDE0812 & VDE0814 EN 60228 EN 50575 |
| CPR Class | B2ca s1,d1,a1 |
| DOP | 1002730 |
| ROHS II | complies |

CONSTRUCTION

| | |
|---------------------|--|
| Conductors | Flexible copper class 5 |
| Insulation | HFFR |
| Laying up | Cores twisted in pairs (TP) |
| Core Identification | Different colors without repetition, based on DIN 47100 |
| Screen | Tinned copper braid |
| Outer Sheath | HFFR grey |

ELECTRICAL CHARACTERISTICS

| | |
|-----------------------|--|
| Operation Voltage | 300/500 V |
| Insulation Resistance | >100 MOhm.km |
| Test Voltage | 1200 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 | 15 x Φ outer sheath |
| Operation Temperature | -20 C up to 70 C |
| Standard packaging | 3x100m, 5x100m, 1x500m |

APPLICATIONS

SMART BUILDING


SAFETY & SECURITY

INDUSTRIAL

**Accordia LiHCH (TP)
B2ca LSZH**

OUTER DIMENSIONS

| No Cores X Cross-section (mm ²) | Approx. Outer Sheath (mm) |
|---|---------------------------|
| 2x2x0,50 | 7,90 |
| 3x2x0,50 | 8,40 |
| 4x2x0,50 | 9,20 |
| 5x2x0,50 | 10,20 |
| 6x2x0,50 | 10,60 |
| 2x2x0,75 | 8,80 |
| 3x2x0,75 | 9,30 |
| 4x2x0,75 | 10,20 |
| 5x2x0,75 | 11,40 |
| 6x2x0,75 | 11,80 |
| 2x2x1,00 | 9,20 |
| 3x2x1,00 | 9,70 |
| 4x2x1,00 | 10,60 |
| 5x2x1,00 | 11,90 |
| 6x2x1,00 | 12,30 |
| 2x2x1,50 | 9,90 |
| 3x2x1,50 | 10,40 |
| 4x2x1,50 | 11,50 |
| 5x2x1,50 | 12,80 |
| 6x2x1,50 | 13,30 |
| 7x2x1,50 | 13,30 |
| 2x2x2,50 | 11,60 |
| 3x2x2,50 | 12,30 |
| 4x2x2,50 | 13,60 |
| 5x2x2,50 | 15,20 |
| 6x2x2,50 | 15,80 |
| 7x2x2,50 | 15,80 |
| 3x2x4,00 | 14,60 |
| 4x2x4,00 | 16,10 |
| 5x2x4,00 | 18,10 |
| 6x2x4,00 | 18,80 |
| 7x2x4,00 | 18,80 |

 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