



Accordia LiHCH 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

STANDARDS AND CERTIFICATES

| | |
|-----------|--|
| Standards | Based on VDE0812 & VDE0814 EN 60228 EN 50575 |
| CPR Class | B2ca s1,d1,a1 |
| DOP | 1002700 |
| ROHS II | complies |

CONSTRUCTION

| | |
|---------------------|--|
| Conductors | Flexible copper class 5 |
| Insulation | HFFR |
| Laying up | Cores stranded |
| 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 | 10 x Φ outer sheath |
| Operation Temperature | -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 | 5,30 |
| 3x0,50 | 5,60 |
| 4x0,50 | 6,00 |
| 5x0,50 | 6,50 |
| 6x0,50 | 7,10 |
| 2x0,75 | 5,80 |
| 3x0,75 | 6,10 |
| 4x0,75 | 6,60 |
| 5x0,75 | 7,20 |
| 6x0,75 | 7,80 |
| 7x0,75 | 7,80 |
| 2x1,00 | 6,00 |
| 3x1,00 | 6,30 |
| 4x1,00 | 6,90 |
| 5x1,00 | 7,50 |
| 6x1,00 | 8,10 |
| 7x1,00 | 8,10 |
| 2x1,50 | 6,40 |
| 3x1,50 | 6,80 |
| 4x1,50 | 7,40 |
| 5x1,50 | 8,00 |
| 6x1,50 | 8,70 |
| 7x1,50 | 8,70 |
| 2x2,50 | 7,40 |
| 3x2,50 | 7,80 |
| 4x2,50 | 8,60 |
| 5x2,50 | 9,40 |
| 6x2,50 | 10,20 |
| 7x2,50 | 10,20 |
| 2x4,00 | 8,60 |
| 3x4,00 | 9,10 |
| 4x4,00 | 10,00 |
| 5x4,00 | 11,00 |
| 6x4,00 | 12,00 |
| 7x4,00 | 12,00 |



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

ACCORDIA
CABLES BEYOND STANDARD

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