

T E C H N I C A L D A T A S H E E T



Accordia LiHCH

Control Cables Halogen Free

Image representative of cable family. Actual cable may vary.

CPR Class Dca 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

Dca s1,d1,a1

DOP

1002681

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

0,50mm² <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

10 x Φ outer sheath

Operation Temperature

-20 C up to 70 C

Standard packaging

5x100m, 1x500m

APPLICATIONS

SMART BUILDING

SAFETY & SECURITY

INDUSTRIAL

Accordia LiHCH

OUTER DIMENSIONS

No Cores X Cross-section (mm2)	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



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