

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



Accordia LiHH type All Weather

Control Cables, for outdoor use

Image representative of cable family. Actual cable may vary.

CPR certified

All Weather technology

Based on VDE0812 & 0814

STANDARDS AND CERTIFICATES

Standards

Based on VDE0812 & VDE0814

EN 60228

EN 50575

CPR Class

Fca

DOP

1002686

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

Outer Sheath

PE black

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 LiHH type AW

OUTER DIMENSIONS

No Cores X Cross-section (mm ²)	Outer Sheath (mm)
2x0,50	5,10
3x0,50	5,40
4x0,50	5,80
5x0,50	6,10
6x0,50	6,70
2x0,75	5,60
3x0,75	5,90
4x0,75	6,40
5x0,75	6,80
6x0,75	7,40
2x1,00	5,80
3x1,00	6,10
4x1,00	6,70
5x1,00	7,10
6x1,00	7,70
2x1,50	6,20
3x1,50	6,60
4x1,50	7,20
5x1,50	7,60
6x1,50	8,30
7x1,50	8,30
2x2,50	7,20
3x2,50	7,60
4x2,50	8,40
5x2,50	9,00
6x2,50	9,80
7x2,50	9,80
2x4,00	8,00
3x4,00	8,90
4x4,00	9,80
5x4,00	10,60
6x4,00	11,60
7x4,00	11,60

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

ACCORDIA
CABLES BEYOND STANDARD

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