Power and control cables

Control Cabinet Applications

◉ LAPP

VDE CE

H05V-K <VDE>

<VDE> cable type certification

ℹ Info

- VDE approved

Benefits

- Cables' <VDE> marking is a testing mark/ proof of the successful testing according to VDE/ EN/ HD/ IEC standards as well as possible health and safety regulations. <VDE> is issued by the VDE testing and certification institute.

Application range

- Internal wiring of devices
- Protected installation in and on lighting equipments
- Signal systems in and on plaster in tubes

Product features
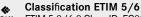
- Flame-retardant according IEC 60332-1-2

Norm references / Approvals
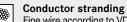
- <VDE> cable type certification acc. EN 50525-2-31

Product Make-up

- Fine-wired copper conductor of bare copper strands in line with conductor class 5 acc. IEC 60228
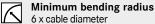- Core insulation: Based on PVC

Technical data

ETIM **Classification ETIM 5/6**
ETIM 5.0/6.0 Class-ID: EC000993
ETIM 5.0/6.0 Class-Description: Single core cable

Conductor stranding
Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5

Minimum bending radius
6 x cable diameter

Nominal voltage
U_0/U: 300/500 V

Test voltage
2000 V

Temperature range
Fixed installation: –30°C to +70°C

Conductor Cross-section (mm²)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)	green/ yellow	black	blue	brown	red
0.5	2.2	4.8	9	8110001	8110011	8110021	8110031	8110041
0.75	2.3	7.2	12	8110002	8110012	8110022	8110032	8110042
1.0	2.5	9.6	14	8110003	8110013	8110023	8110033	8110043

Conductor Cross-section (mm²)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)	white	grey	orange	yellow	green
0.5	2.2	4.8	9	8110051	8110061	8110091	8110111	8110121
0.75	2.3	7.2	12	8110052	8110062	8110092	8110112	8110122
1.0	2.5	9.6	14	8110053	8110063	8110093	8110113	8110123

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.