



Product Description

Space saving installation due to small cable diameters; High electrical performance due to 4 kV test voltage.

Features

Flame retardant according to IEC 60332-1-2.

Good chemical resistance.

Application Range

Plant engineering and construction Industrial machinery Air conditioning installations power station stage technique.

Fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load.

Dry or damp interiors under medium mechanical load conditions.

Benefits

Space saving installation due to small cable diameters.

High electrical performance due to 4 kV test voltage.

Design

Fine strands of bare copper wires.

PVC insulation.

Cores twisted in layers.

PVC outer sheath, grey (RAL 7001).

Technical Data

Core Identification Code	Black with White Numbers acc. to VDE 0293
Specific Insulation Resistance	> 20 G Ω × cm
Conductor Stranding	Fine wire in Accordance to V DE 0295 class 5 / IEC 60228 class 5
Minimum Bending Radius	Occasional Flexing : 15 × Cable Diameter Fixed Installation : 4 × Cable Diameter
Rated Voltage	U0/U: 300 / 500 V
Test Voltage	4,000 V
Protective Conductor	G = with Protective Conductor Green / Yellow
Range of Temperature	Occasional Flexing : -5°C up to +70°C Fixed Installation : -40°C up to +80°C
VDE tested	VDE Reg. No. 7030 for Following Sizes: up to 2.5mm ² : 2 - 64 Cores

Specification Table

Part Number	Number of Cores and mm ² per Conductor	Outer Diameter mm	Current Rating (A)	Copper Index kg / km	Weight kg / km
PPYY3C0.75 50M	3 G 0.75	5.7	12	21.6	55
PPYY4C0.75 50M	4 G 0.75	6.2	12	28.8	66
PPYY5C0.75 50M	5 G 0.75	6.7	12	36	79
PPYY7C0.75 50M	7 G 0.75	7.3	12	50	101
PPYY12C0.75 50M	12 G 0.75	9.9	12	86	171
PPYY18C0.75 50M	18 G 0.75	11.7	12	130	244
PPYY3C1.00 50M	3 G 1	6	15	28.8	65
PPYY4C1.00 50M	4 G 1	6.5	15	38.4	79
PPYY5C1.00 50M	5 G 1	7.1	15	48	94
PPYY7C1.00 50M	7 G 1	8	15	67	126
PPYY3C1.50 50M	3 G 1.5	6.7	18	43	84
PPYY4C1.50 50M	4 G 1.5	7.2	18	58	104
PPYY5C1.50 50M	5 G 1.5	8.1	18	72	128
PPYY7C1.50 50M	7 G 1.5	8.9	18	101	166
PPYY12C1.50 50M	12 G 1.5	12	18	173	279
PPYY18C1.50 50M	18 G 1.5	14.4	18	259	407
PPYY3C2.50 50M	3 G 2.5	8.1	26	72	132
PPYY4C2.50 50M	4 G 2.5	8.9	26	96	163
PPYY5C2.50 50M	5 G 2.5	10	26	120	200
PPYY7C2.50 50M	7 G 2.5	11.1	26	168	267
PPYY3C0.75 100M	3 G 0.75	5.7	12	21.6	55
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PPYY18C1.50	18 G 1.5	14.4	18	259	407

Part Number Table

Description	Reel Length	Part Number	Description	Reel Length	Part Number
Cable, YY, 3 Core, 0.75mm	50 m	PPYY3C0.75 50M	Cable, YY, 18 Core, 1.5mm	50 m	PPYY18C1.50 50M
Cable, YY, 4 Core, 0.75mm		PPYY4C0.75 50M	Cable, YY, 3 Core, 2.5mm		PPYY3C2.50 50M
Cable, YY, 5 Core, 0.75mm		PPYY5C0.75 50M	Cable, YY, 4 Core, 2.5mm		PPYY4C2.50 50M
Cable, YY, 7 Core, 0.75mm		PPYY7C0.75 50M	Cable, YY, 5 Core, 2.5mm		PPYY5C2.50 50M
Cable, YY, 12 Core, 0.75mm		PPYY12C0.75 50M	Cable, YY, 7 Core, 2.5mm		PPYY7C2.50 50M
Cable, YY, 18 Core, 0.75mm		PPYY18C0.75 50M	Cable, YY, 3 Core, 0.75mm	100 m	PPYY3C0.75 100M
Cable, YY, 3 Core, 1mm		PPYY3C1.00 50M	Cable, YY, 4 Core, 0.75mm		PPYY4C0.75 100M
Cable, YY, 4 Core, 1mm		PPYY4C1.00 50M	Cable, YY, 5 Core, 0.75mm		PPYY5C0.75 100M
Cable, YY, 5 Core, 1mm		PPYY5C1.00 50M	Cable, YY, 7 Core, 0.75mm		PPYY7C0.75 100M
Cable, YY, 7 Core, 1mm		PPYY7C1.00 50M	Cable, YY, 12 Core, 0.75mm		PPYY12C0.75 100M
Cable, YY, 3 Core, 1.5mm		PPYY3C1.50 50M	Cable, YY, 18 Core, 0.75mm		PPYY18C0.75 100M
Cable, YY, 4 Core, 1.5mm		PPYY4C1.50 50M	Cable, YY, 3 Core, 1mm		PPYY3C1.00 100M
Cable, YY, 5 Core, 1.5mm		PPYY5C1.50 50M	Cable, YY, 4 Core, 1mm		PPYY4C1.00 100M
Cable, YY, 7 Core, 1.5mm		PPYY7C1.50 50M	Cable, YY, 5 Core, 1mm		PPYY5C1.00 100M
Cable, YY, 12 Core, 1.5mm		PPYY12C1.50 50M	Cable, YY, 3 Core, 1.5mm		PPYY3C1.50 100M

Description	Reel Length	Part Number	Description	Reel Length	Part Number
Cable, YY, 4 Core, 1.5mm	100 m	PPYY4C1.50 100M	Cable, YY, 5 Core, 0.75mm	Per meter	PPYY5C0.75
Cable, YY, 5 Core, 1.5mm		PPYY5C1.50 100M	Cable, YY, 5 Core, 1mm		PPYY5C1.00
Cable, YY, 3 Core, 2.5mm		PPYY3C2.50 100M	Cable, YY, 5 Core, 1.5mm		PPYY5C1.50
Cable, YY, 4 Core, 2.5mm		PPYY4C2.50 100M	Cable, YY, 5 Core, 2.5mm		PPYY5C2.50
Cable, YY, 5 Core, 2.5mm		PPYY5C2.50 100M	Cable, YY, 7 Core, 0.75mm		PPYY7C0.75
Cable, YY, 3 Core, 0.75mm	Per meter	PPYY3C0.75	Cable, YY, 7 Core, 1mm		PPYY7C1.00
Cable, YY, 3 Core, 1mm		PPYY3C1.00	Cable, YY, 7 Core, 1.5mm		PPYY7C1.50
Cable, YY, 3 Core, 1.5mm		PPYY3C1.50	Cable, YY, 7 Core, 2.5mm		PPYY7C2.50
Cable, YY, 3 Core, 2.5mm		PPYY3C2.50	Cable, YY, 12 Core, 0.75mm		PPYY12C0.75
Cable, YY, 4 Core, 0.75mm		PPYY4C0.75	Cable, YY, 12 Core, 1.5mm		PPYY12C1.50
Cable, YY, 4 Core, 1mm		PPYY4C1.00	Cable, YY, 18 Core, 0.75mm		PPYY18C0.75
Cable, YY, 4 Core, 1.5mm		PPYY4C1.50	Cable, YY, 18 Core, 1.5mm		PPYY18C1.50
Cable, YY, 4 Core, 2.5mm		PPYY4C2.50			

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