

H07V-K 450/750V

Flexible installation wire



Application

For wiring of switch boards, operating panels, apparatus, etc., where installation requires a flexible wire.

Construction

Conductor	: Flexible plain copper (class 5)
Insulation	: Polyvinyl chloride (PVC)
Marking text	: E.g. "H07V-K 450/750 V 1x1.5mm ² 2016 KEMA-KEUR CE"
Rated voltage	: 450/750 kV
Properties	: Self-extinguishing, NEN-EN IEC 60332-1 UV- and ozone resistant

Installation recommendations

Max. operating temperature	: 70 °C
Max. operating temperature, fixed	: -40 °C / 70 °C
Temperature, moved/during installation	: 5 °C / 50 °C

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Range and Dimensions and electrical characteristics

Article Code	Nominal conductor cross-section (mm ²)	Core colour	Nominal diameter over insulation (mm)	Maximum tensile strength (N)	Approx. weight (kg/km)	Conductor resistance at 20 °C, DC (ohm/km)	Conductor resistance at 70 °C, 50 Hz (ohm/km)	Maximum current rating (A)
P01G01C1.5EAKBL3	1.5	Blue	3.0	75	20	13.3	15.9	0
P01G01C1.5EAKBN3	1.5	Brown	3.0	75	20	13.3	15.9	0
P01G01C1.5EAKGR3	1.5	Grey	3.0	75	20	13.3	15.9	0
P01G01C1.5EAKG/Y3	1.5	Green/yellow	3.0	75	20	13.3	15.9	0
P01G01C1.5EAKOR3	1.5	Orange	3.0	75	20	13.3	15.9	0
P01G01C1.5EAKRD3	1.5	Red	3.0	75	20	13.3	15.9	0
P01G01C1.5EAKWH3	1.5	White	3.0	75	20	13.3	15.9	0
P01G01C1.5EAKBK3	1.5	Black	3.0	75	20	13.3	15.9	0
P01G01C2.5EAKBL3	2.5	Blue	3.6	125	31	7.98	9.55	21
P01G01C2.5EAKBN3	2.5	Brown	3.6	125	31	7.98	9.55	21
P01G01C2.5EAKGR3	2.5	Grey	3.6	125	31	7.98	9.55	21
P01G01C2.5EAKG/Y3	2.5	Green/yellow	3.6	125	31	7.98	9.55	21
P01G01C2.5EAKRD3	2.5	Red	3.6	125	31	7.98	9.55	0
P01G01C2.5EAKWH3	2.5	White	3.6	125	31	7.98	9.55	0
P01G01C2.5EAKBK3	2.5	Black	3.6	125	31	7.98	9.55	-
P01G01C004EAKBL3	4	Blue	4.2	200	47	4.95	5.92	0
P01G01C004EAKBN3	4	Brown	4.2	200	47	4.95	5.92	0
P01G01C004EAKG/Y3	4	Green/yellow	4.2	200	47	4.95	5.92	0
P01G01C004EAKBK3	4	Black	4.2	200	47	4.95	5.92	0
P01G01C006EAKBL3	6	Blue	4.8	300	70	3.3	3.95	0
P01G01C006EAKBN3	6	Brown	4.8	300	70	3.3	3.95	0
P01G01C006EAKGR3	6	Grey	4.6	300	65	3.3	3.95	36
P01G01C006EAKG/Y3	6	Green/yellow	4.8	300	70	3.3	3.95	0
P01G01C006EAKBK3	6	Black	4.8	300	70	3.3	3.95	0
P01G01C010EAKBL3	10	Blue	6.0	500	110	1.91	2.29	50
P01G01C010EAKBN3	10	Brown	6.0	500	110	1.91	2.29	50
P01G01C010EAKGR3	10	Grey	6.0	500	110	1.91	2.29	50
P01G01C010EAKG/Y3	10	Green/yellow	6.0	500	110	1.91	2.29	50
P01G01C010EAKRD3	10	Red	6.0	500	110	1.91	2.29	50
P01G01C010EAKBK3	10	Black	6.0	500	110	1.91	2.29	50
P01G01C016EAKBL3	16	Blue	7.0	800	165	1.21	1.45	68
P01G01C016EAKG/Y3	16	Green/yellow	7.0	800	165	1.21	1.45	68
P01G01C016EAKBK3	16	Black	7.0	800	165	1.21	1.45	68
P01G01C025EAKBL3	25	Blue	9.0	1250	260	0.78	0.933	89
P01G01C025EAKG/Y3	25	Green/yellow	9.0	1250	260	0.78	0.933	89
P01G01C025EAKBK3	25	Black	9.0	1250	260	0.78	0.933	89
P01G01C035EAKG/Y3	35	Green/yellow	10.5	1750	355	0.554	0.664	110
P01G01C035EAKBK3	35	Black	10.5	1750	355	0.554	0.664	110
P01G01C050EAKG/Y3	50	Green/yellow	12.4	2500	505	0.386	0.463	134
P01G01C050EAKBK3	50	Black	12.4	2500	505	0.386	0.463	134
P01G01C070EAKBK3	70	Black	14.3	3500	695	0.272	0.327	171
P01G01C095EAKBK3	95	Black	16.2	4750	920	0.206	0.249	207

NOTICE

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