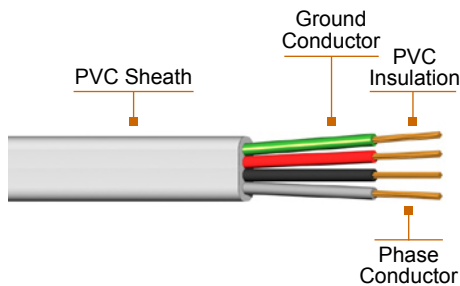


PD-VAF-G (Table 11 of TIS 11-2531 Standard)

300 V 70°C PVC Insulated and Sheathed Flat Type, Three Cores with Ground



Detail Description or Construction

Conductor

Annealed copper, solid or stranded sizes 1 mm² up to 16 mm² (Phase) sizes 1 mm² up to 6 mm² (Ground)

Insulation

Heat resistance polyvinyl chloride (Phase : Grey, Black and Red color, Ground: Green with Yellow Stripe color)

Sheath

Heat resistant polyvinyl chloride (White color)

Application

Residential surface wiring, maximum conductor temperature 70°C, circuit voltage does not exceed 300 volts.

Standards / Testing Specifications

- PD-VAF-G meets or exceeds applicable TIS 11-2531 standards and requirements of Thai Industrial Standard.

Marking

PHELPS DODGE 3x(PHASE SIZE)/ (GROUND SIZE) SQ.MM. PD-VAF-G 300V PVC 70°C ⊕ TIS 11-2531 TABLE 11.

Installation

Surfaced wiring. Concealed wiring in wooden partition, or above ceiling. Embed in plaster.



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PHELPS DODGE TYPE LETTER	Nominal Sectional Area	Phase Core Number & Diameter of Wire	Thickness of Insulation	Nominal Sectional Area	Ground Core Number & Diameter of Wire	Thickness of Insulation
3x1/1 PD-VAF-G	1	1/1.13	0.6	1	1/1.13	0.6
3x1/1 PD-VAF-G	1	7/0.40	0.6	1	7/0.40	0.6
3x1.5/1 PD-VAF-G	1.5	1/1.38	0.6	1	1/1.13	0.6
3x1.5/1 PD-VAF-G	1.5	7/0.50	0.6	1	7/0.40	0.6
3x2.5/1.5 PD-VAF-G	2.5	1/1.78	0.7	1.5	1/1.38	0.6
3x2.5/1.5 PD-VAF-G	2.5	7/0.67	0.7	1.5	7/0.50	0.6
3x4/2.5 PD-VAF-G	4	1/2.25	0.8	2.5	1/1.78	0.6
3x4/2.5 PD-VAF-G	4	7/0.85	0.8	2.5	7/0.67	0.6
3x6/4 PD-VAF-G	6	7/1.04	0.8	4	7/0.85	0.6
3x10/4 PD-VAF-G	10	7/1.35	0.9	4	7/0.85	0.6
3x16/6 PD-VAF-G	16	7/1.70	1.0	6	7/1.04	0.6



PD-VAF-G (Table 11 of TIS 11-2531 Standard)

300 V 70°C PVC Insulated and Sheathed Flat Type, Three Cores with Ground

PHELPS DODGE TYPE LETTER		Thickness of Sheath	Overall Diameter	Allowable Ampacities Free Air @ 40°C	Minimum Insulation Resistance @ 70°C	Cable Weight (approx)	Standard Packing
		mm	mm	A	MΩ - km	kg / km	m
3x1/1	PD-VAF-G	0.9	4.8x12.5	11.5	0.0115	95	100/C
3x1/1	PD-VAF-G	0.9	5.0x13.5	11.5	0.0110	95	100/C
3x1.5/1	PD-VAF-G	1.2	5.8x14.0	15	0.0100	130	100/C
3x1.5/1	PD-VAF-G	1.2	6.0x15.0	15	0.0094	130	100/C
3x2.5/1.5	PD-VAF-G	1.2	6.4x16.5	21	0.0092	180	100/C
3x2.5/1.5	PD-VAF-G	1.2	6.8x17.5	21	0.0084	180	100/C
3x4/2.5	PD-VAF-G	1.2	7.2x19.0	28	0.0086	260	100/C
3x4/2.5	PD-VAF-G	1.2	7.6x20.5	28	0.0078	260	100/C
3x6/4	PD-VAF-G	1.2	8.2x22.5	36	0.0066	370	100/C
3x10/4	PD-VAF-G	1.2	9.4x26.0	50	0.0059	520	100/C
3x16/6	PD-VAF-G	1.4	11.0x31.5	66	0.0053	860	100/C

R = Packing in reel