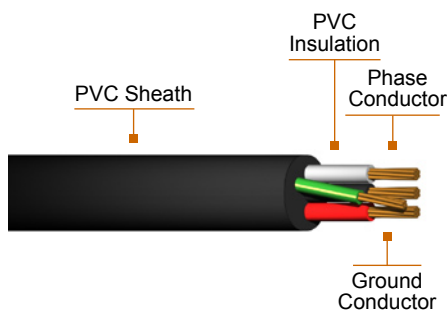


PD-VVR-G (Table 12 of TIS 11-2531 Standard)

300 V 70°C PVC Insulated and Sheathed, Three Core with Ground



Detail Description or Construction

Conductor

Annealed copper, solid or stranded sizes 1 mm² up to 35 mm² (Phase) sizes 1 mm² up to 10 mm² (Ground)

Insulation

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

Sheath

Heat resistant polyvinyl chloride (Black color)

Application

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

Standards / Testing Specifications

- PD-VVR-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-VVR-G 300V PVC 70°C ⊕ TIS 11-2531 TABLE 12.

Installation

Exposed wiring in air or use in raceway.



PD-VVR-G (Table 12 of TIS 11-2531 Standard)

300 V 70°C PVC Insulated and Sheathed, Three Core with Ground

PHELPS DODGE TYPE LETTER	Phase Core			Ground Core		
	Nominal Sectional Area	Phase Core Number & Diameter of Wire	Thickness of Insulation	Nominal Sectional Area	Ground Core Number & Diameter of Wire	Thickness of Insulation
	mm ²	No. / mm	mm	mm ²	No. / mm	mm
3x1/1 PD-VVR-G	1	1/1.13	0.6	1	1/1.13	0.6
3x1/1 PD-VVR-G	1	7/0.40	0.6	1	7/0.40	0.6
3x1.5/1 PD-VVR-G	1.5	1/1.38	0.6	1	1/1.13	0.6
3x1.5/1 PD-VVR-G	1.5	7/0.50	0.6	1	7/0.40	0.6
3x2.5/1.5 PD-VVR-G	2.5	1/1.78	0.7	1.5	1/1.38	0.6
3x2.5/1.5 PD-VVR-G	2.5	7/0.67	0.7	1.5	7/0.50	0.6
3x4/2.5 PD-VVR-G	4	1/2.25	0.8	2.5	1/1.78	0.6
3x4/2.5 PD-VVR-G	4	7/0.85	0.8	2.5	7/0.67	0.6
3x6/4 PD-VVR-G	6	7/1.04	0.8	4	7/0.85	0.6
3x10/4 PD-VVR-G	10	7/1.35	0.9	4	7/0.85	0.6
3x16/6 PD-VVR-G	16	7/1.70	1.0	6	7/1.04	0.6
3x25/6 PD-VVR-G	25	7/2.14	1.2	6	7/1.04	0.6
3x35/10 PD-VVR-G	35	19/1.53	1.2	10	7/1.35	0.6

R = Packing in reel



PD-VVR-G (Table 12 of TIS 11-2531 Standard)

300 V 70°C PVC Insulated and Sheathed, Three Core 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-VVR-G	0.9	8.6	11.5	0.0115	95	500/R
3x1/1	PD-VVR-G	0.9	9	11.5	0.0110	95	500/R
3x1.5/1	PD-VVR-G	1.2	10	15	0.0100	130	500/R
3x1.5/1	PD-VVR-G	1.2	10.5	15	0.0094	130	500/R
3x2.5/1.5	PD-VVR-G	1.2	11.5	21	0.0092	180	500/R
3x2.5/1.5	PD-VVR-G	1.2	12.5	21	0.0084	180	500/R
3x4/2.5	PD-VVR-G	1.2	13.5	28	0.0086	260	500/R
3x4/2.5	PD-VVR-G	1.2	14	28	0.0078	260	500/R
3x6/4	PD-VVR-G	1.2	15.5	36	0.0066	370	500/R
3x10/4	PD-VVR-G	1.2	18.5	50	0.0059	530	500/R
3x16/6	PD-VVR-G	1.4	22	66	0.0053	800	500/R
3x25/6	PD-VVR-G	1.8	27.5	84	0.0051	1,220	500/R
3x35/10	PD-VVR-G	1.8	30.5	104	0.0043	1,610	500/R

R = Packing in reel