

POWER SUPPLIES

IDEC SWITCHING POWER SUPPLIES PS5R-V SERIES



NEW!

DESCRIPTION

The **Idec PS5R-V Series** of switching and linear power supplies is available with an output of 12 or 24 VDC and output power from 7.5-480W. The output is short circuit protected and regulated. These switching power supplies, which minimize the heat generated in control panels, have a much higher efficiency than linear power supplies. They are small and completely enclosed, and they can be DIN rail or surface mounted.

FEATURES

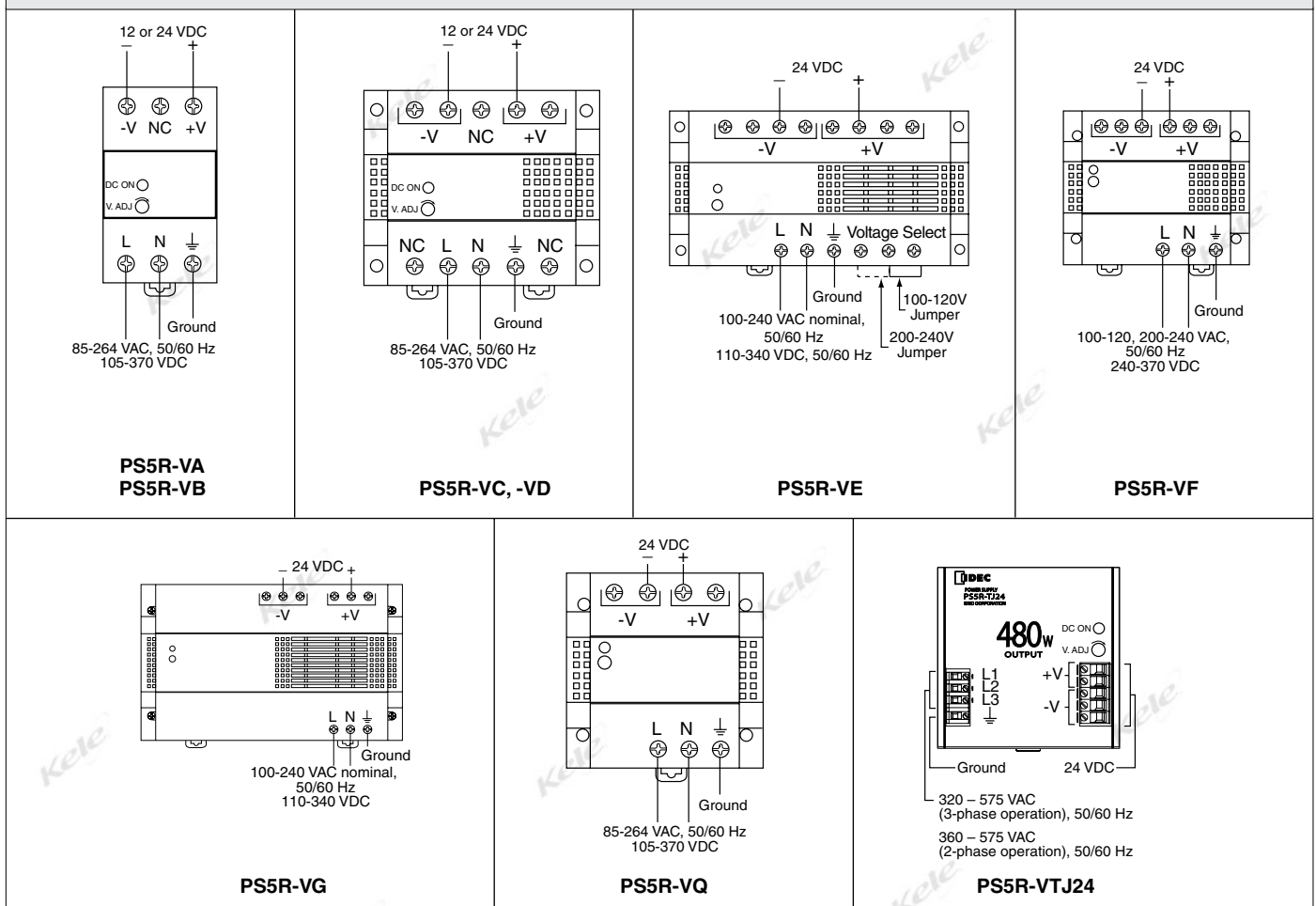
- **Small size to save panel space**
- **DIN rail/surface mount enclosure**
- **Slim-line models to save valuable panel space**
- **High efficiency operation for minimizing heat generation in control panels**
- **Time-saving, spring-loaded screw terminals**
- **One year warranty**



PS5R -V Series



WIRING



POWER SUPPLIES

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NEW!



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IDEC SWITCHING POWER SUPPLIES

PS5R-V SERIES

SPECIFICATIONS

Supply Voltage 85-264 VAC nominal, 100-370 VDC
Output Voltage 5, 12 or 24 VDC
Supply Current 0.65 - 10A
Supply Frequency 50/60 Hz
Output Current 10 - 240W
Over Current Protection 105% auto-reset
Load Regulation 2.5% maximum
Ripple 8% max peak to peak (including noise)

Operating Temperature -13° to 149°F (-25° to 65°C) min.
Operating Humidity 20% to 90% RH non-condensing
Connections Spring loaded, finger safe terminals with captive M3.5 screws
Mounting DIN rail/surface mount
Approvals CE, CSA, RoHs, UL File #E457154 & E177168
Warranty 1 year

ORDERING INFORMATION

Model	Supply Voltage	Supply Current	Supply Frequency	Output Voltage	Output Current	Dimensions	Weight
PS5R-VA12	85-264 VAC nominal, 100-370 VDC	0.17A	50/60 Hz	12 VDC	0.6A, 7.5W	2.95"H x 1.77"W x 2.76"D (7.49 x 4.50 x 7.01 cm)	0.33 lb (0.15 Kg)
PS5R-VA24	85-264 VAC nominal, 100-370 VDC	0.17A	50/60 Hz	24 VDC	0.3A, 7.5W	2.95"H x 1.77"W x 2.76"D (7.49 x 4.50 x 7.01 cm)	0.33 lb (0.15 Kg)
PS5R-VB05	85-264 VAC nominal, 100-370 VDC	0.3A	50/60 Hz	5 VDC	2.0A	3.54"H x 0.89"W x 3.74" (9.0 x 2.3 x 9.5 cm)	0.37 lb (0.17 Kg)
PS5R-VB12	85-264 VAC nominal, 100-370 VDC	0.3A	50/60 Hz	12 VDC	1.2A, 15W	2.95"H x 1.77"W x 3.74"D (7.49 x 4.50 x 9.50 cm)	0.37 lb (0.17 Kg)
PS5R-VB24	85-264 VAC nominal, 100-370 VDC	0.3A	50/60 Hz	24 VDC	0.6A, 15W	2.95"H x 1.77"W x 3.74"D (7.49 x 4.50 x 9.50 cm)	0.37 lb (0.17 Kg)
PS5R-VC12	85-264 VAC nominal, 100-370 VDC	0.68A	50/60 Hz	12 VDC	2.5A, 30W	2.95"H x 3.54"W x 3.74"D (7.49 x 9.0 x 9.50 cm)	0.79 lb (0.36 Kg)
PS5R-VC24	85-264 VAC nominal, 100-370 VDC	0.68A	50/60 Hz	5 VDC	1.3A, 30W	2.95"H x 3.54"W x 3.74"D (7.49 x 9.0 x 9.50 cm)	0.79 lb (0.36 Kg)
PS5R-VD24	85-264 VAC nominal, 100-370 VDC	1.15A	50/60 Hz	24 VDC	2.1A, 50W	2.95"H x 3.54"W x 3.74"D (7.49 x 9.0 x 9.50 cm)	0.86 lb (0.39 Kg)
PS5R-VE24	85-264 VAC nominal, 100-370 VDC	2.5A	50/60 Hz	24 VDC	4.2A, 100W	2.95"H x 3.54"W x 3.74"D (7.49 x 9.0 x 9.50 cm)	0.86 lb (0.39 Kg)
PS5R-VF24	85-264 VAC nominal, 100-370 VDC	1.8A	50/60 Hz	24 VDC	5A, 120W	2.95"H x 5.7"W x 3.74"D (7.49 x 14.5 x 9.50 cm)	1.3 lb (0.59 Kg)
PS5R-VG24	85-264 VAC nominal, 100-370 VDC	4A	50/60 Hz	24 VDC	10A, 240W	4.72"H x 7.87"W x 5.51"D (12.0 x 19.99 x 14.0 cm)	2.6 lb (1.2 Kg)
PS5R-VQ24	85-264 VAC nominal, 100-370 VDC	1.1A	50/60 Hz	24 VDC	3.1A, 75W	4.72"H x 3.35"W x 5.51"D (12.0 x 8.5 x 14.0 cm)	1.7 lb (0.8 Kg)
PS5R-TJ24	320-575 VAC (3-phase), 360-575 VAC (2-phase)	3 x 1.1A, 3 x 0.8A	50/60 Hz	24 VDC	20A, 480W	5.12"H x 4.53"W x 6.00"D (13.0 x 11.5 x 15.25 cm)	4.41 lb (2.0 Kg)