



Highlights

- **NEW!** Available in 10W (5VDC) and 15W (12VDC, 24VDC)
- **NEW!** Slim design is only 22.5mm in width
- Universal input voltages: 85-264V AC/100-370V DC
- Fingersafe spring-up screw terminal type
- Approved for Class 1 Div. 2 hazardous locations
- Equipped with operation indicator (DC ON) and output voltage low indicator (DC LOW)
- DIN rail or panel mount
- CE marked, TUV, c-UL, UL508, UL1604, UL1310 Class 2
- See back page for additional information
- Datasheet (part #PS9Y-DS100-0) and brochure (part #PS9Y-B100-2) are available on the ILC
- Launch kit will be available at www.idec.com/distributor after April 12th



Want MORE panel space for LESS? New 10- and 15-Watt Slim Line Power Supplies

When customers need a way to save panel space while keeping costs low, IDEC Slim Line power supplies are the answer! With the new PS5R-SB 10W and 15W Slim Line power supplies, not only can you offer the exact wattage the customer needs at a lower cost, but also the benefit of a slim design. Just 90mm x 22.5mm x 95mm, saving panel space.

PS5R-SB is the newest addition to the award-winning IDEC Slim Line power supplies. Available in three output voltages—5V DC in 10W and 12V and 24V DC in 15W—whichever customers choose, the lightweight, compact design is only half the size of standard DIN rail power supplies and has the best efficiency for only 22.5mm wide. A variety of mounting directions also provide needed flexibility within a panel.

All PS5R-SB Slim Line series are UL508 Listed, allowing for 100% full load opera-

tion and eliminating the need to oversize or derate the power supply. UL 1604 standard, and Class 1 Div. 2, PS5R-SB models are also great for hazardous locations. PS5R-SB power supplies are NEC Class 2 rated, and have worldwide approvals, universal input voltage and overload protection.

Like all IDEC switching power supplies, the PS5R Slim Line series are fast and easy to install. IDEC power supplies can quickly snap onto a DIN rail or directly mount on a panel with an additional accessory. Fingersafe spring-up screw terminals are shock and vibration resistant and also allow easy installation of ring lugs. So don't wait. Give customers the power they need, for less cost and less space!

For complete specifications or additional information, please contact IDEC Corporation at 1-800-262-IDEC (4332) or visit www.idec.com/usa.



Market Information

The TAM (Total Available Market) for switching power supplies in industrial applications in the U.S. is estimated at \$110 million. IDEC holds about 10-15% of the market share in the DIN rail mount segment, along with Phoenix Contact, Sola, Puls, Meanwell, Weidmueller, ABB, Carlo Gavazzi, Lambda, Power One and more. Reasons to buy power supplies from IDEC include:

- With the addition of new 10W and 15W power supplies, IDEC offers a complete line of single-phase, slim, switching power supplies
- Size has been reduced by 50% versus standard power supplies, saving end users anywhere from \$30 to \$45 per square inch.
- Fast and easy to install. They can quickly snap onto a DIN rail or directly mount on a panel.
- All Slim Line series carry standard approvals such as UL508 and UL 1604. In addition, our 10W to 60W are compliant to NEC Class 2 rating and our 120W and 240W meet SEMI F47 ensuring protection and immunity from interruptions due to voltage sags – a huge savings and protection for manufacturers. IDEC is the first company to use the actual certification mark on the power supply itself.

IDEC PS5R-SB Competitor Comparison

	IDEC	OMRON	Phoenix Contact	SOLA	Siemens	Puls	Allen-Bradley
Model	PS5R-SB	S8VS-015	MINI-PS-100-240AC/5DC/3	SDP06-24-100T	SITOP: 6EP1331-2BA10	No 15W	No 15W
Series output voltage	5V, 12V, 24V	5V, 12V, 24V	5V	24V	24V		
Input voltage (AC)	85-264V AC	85-264VAC	85-264VAC	85-264VAC	93-264VAC		
Input voltage (DC)	100-370V DC	-	90-350 VDC	90-375 VDC	-		
Efficiency	79% (24VDC)	77% (24VDC)	>73%	>80%	>74%		
IP20 (fingersafe)	Yes	Yes	Yes	Yes	Yes		
UL1604	Yes	Yes	No	No	No		
UL508	Yes	Yes	Yes	Yes	Yes		
UL1310	Yes	Yes	No	Yes	No		
CE marked	Yes	Yes	Yes	Yes	Yes		
Dimensions in mm (HxWxD)	90x22.5x95	85x22.5x96.5	99x22.5x114.5	75x22.8x96.7	80x22.5x91		
List price	\$79	\$69	\$132	\$73	\$65		

PS5R-SB Power Supply Part Numbers and List Prices

Part Numbers	Description	List Price (MSRP)
PS5R-SB05	Power supply, 10W / 5V / 2A output, Universal input 84-264V AC	\$79
PS5R-SB12	Power supply, 15W / 12V / 1.25A output, Universal input 84-264V AC	\$79
PS5R-SB24	Power supply, 15W / 24V / 0.625A output, Universal input 84-264V AC	\$79
PS9Z-5R1B	Panel Mount Adaptor for PS5R-SB standard upright mounting	\$6
PS9Z-5R2B	Panel Mount Adaptor for PS5R-SB flat (side) mounting	\$12

For more information, call IDEC at: 800-262-IDEC (4332)
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