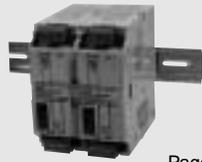


# SELECTION GUIDE



Page 8



Page 20

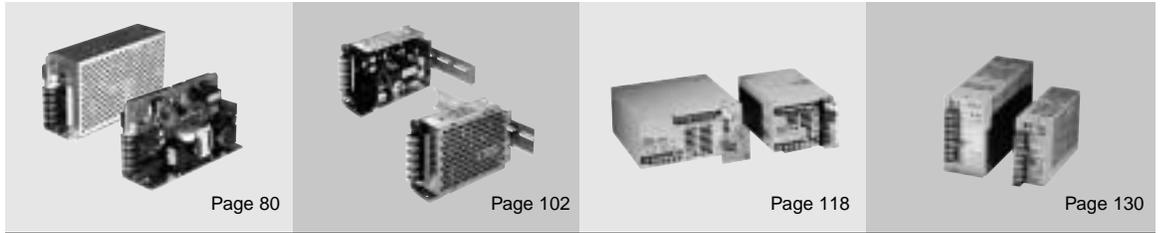


Page 38



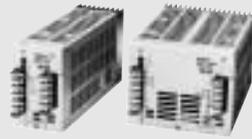
Page 56

	<b>S8TS</b>	<b>S8T-DCBU</b>	<b>S8VS</b>	<b>S82K</b>
<b>Product type</b>	Plastic housed, DIN rail mount, Block type	Plastic housed, DIN rail mount, Block type	Plastic and metal housed, DIN rail mount	Plastic housed, DIN rail mount, Bolt-on mount
<b>Output</b>	Single, multiple, mixed	Single	Single	Single and dual outputs
<b>Dimensions mm (in)</b>	120 H x 43 W x 120 D (4.72 x 1.69 x 4.72)	120 H x 43 W x 120 D (4.72 x 1.69 x 4.72)	95 H x 40 W x 108.3 D (3.74 x 1.57 x 4.26) 115 H x 50 W x 121.3 D (4.53 x 1.97 x 4.78) 115 H x 100 W x 125.3 D (4.53 x 3.94 x 4.93)	75 H x 45 W x 96 D (2.95 x 1.77 x 3.78); 75 H x 90 W x 96 D (2.95 x 3.54 x 3.78); 75 H x 145 W x 96 D (2.95 x 5.71 x 3.78); 130 H x 280 W x 142.2 D (5.12 x 11.02 x 5.60)
<b>Input voltage</b>	85 to 264 VAC, 47-63 Hz	24 VDC (Must be used in conjunction with S8TS-06024 block)	85 to 264 VAC, 47-450 Hz	85 to 264 VAC, 47-450 Hz 85 to 135 VAC (selectable), 47-450 Hz 85 to 253 VAC, 47-450 Hz
<b>Power ratings</b>	25, 30, and 60 W	60 W with AC On; 36 W with battery back-up on	60, 90, 120 and 240 W	3, 7.5, 15, 30, 50, 90, 100 and 240 W
<b>Output voltage/current</b>	5 V: 5 A; 12 V: 2.5 A; 24 V: 2.5 A Can be parallel for higher power or isolated for multiple/mixed outputs	24 V: 2.5 A with AC On, 24 V: 1.5 A with battery	24 V: 2.5 A, 3.75 A, 5 A, 10 A	5 V: 0.6 A, 1.5 A, 2.5 A, 5.0 A 12 V: 0.25 A, 0.6 A, 1.2 A, 2.5 A 15 V: 0.2 A, 0.5 A 24 V: 0.13 A, 0.3 A, 0.6 A, 1.3 A, 2.1 A, 3.75 A, 4.2 A, 10 A ±12: +0.3/-0.2 A; ±15: +0.2/-0.2 A
<b>Approvals</b>	cULus, UL508 listed, Class 2 output, VDE, CE Class 1, Division 2 groups A,B,C and D hazardous locations	cULus, UL508 listed, Class 2 output, VDE, CE Class 1, Division 2 groups A,B,C and D hazardous locations	cULus, UL508 listed, Class 2 output (60 W only), VDE, CE, SEMI F47-0200 voltage sag immunity	UL508 listed, Class 2 output, CSA, VDE, CE

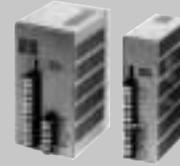


**S82J                      S8PS                      S82D                      S82H**

<b>Product type</b>	Open frame and covered, DIN rail mount, Bolt-on mount	Open frame and covered, DIN rail mount, Bolt-on mount	Enclosed frame, Industrial grade	Enclosed frame, Industrial grade
<b>Output</b>	Single output	Single output	Single output	Single output
<b>Dimensions mm (in)</b>	97 H x 35 W x 90 D (3.82 x 1.38 x 3.54); 97 H x 40 W x 124 D (3.82 x 1.57 x 4.88); 97 H x 40 W x 161 D (3.82 x 1.57 x 6.34); 97 H x 50 W x 170 D (3.82 x 1.97 x 6.69); 97 H x 50 W x 188 D (3.82 x 1.97 x 7.40); 92 H x 120 W x 181 D (3.62 x 4.72 x 7.13); 92 H x 170 W x 169 D (3.62 x 6.69 x 6.65)	85 H x 40 W x 127 D (3.35 x 1.57 x 5.0); 92 H x 50 W x 145 D (3.62 x 1.97 x 5.71); 92 H x 50 W x 163 D (3.62 x 1.97 x 6.42); 92 H x 110 W x 175 D (3.62 x 4.33 x 6.89); 92 H x 170 W x 179 D (3.62 x 6.69 x 7.05)	92 H x 120 W x 190 D (3.62 x 4.72 x 7.48); 92 H x 190 W x 200 D (3.62 x 7.48 x 7.87)	90 H x 35 W x 100 D (3.54 x 1.38 x 3.94); 90 H x 40 W x 130 D (3.54 x 1.57 x 5.12); 90 H x 45 W x 150 D (3.54 x 1.77 x 5.91); 110 H x 60 W x 200 D (4.38 x 2.36 x 7.87); 120 H x 74 W x 230 D (4.72 x 2.91 x 9.06); 92 H x 120 W x 190 D (3.62 x 4.72 x 7.48); 92 H x 190 W x 200 D (3.62 x 7.48 x 7.87)
<b>Input voltage</b>	85 to 264 VAC, 47-450 Hz 85 to 132 VAC/170 to 253 VAC, 47-450 Hz (auto-select)	86 to 264 VAC, 47-450 Hz	85 to 132 VAC/170 to 264 VAC, 47-450 Hz (selectable)	86 to 132 VAC/170 to 264 VAC, 47-450 Hz (selectable); 85 to 264 VAC, 47-63 Hz (PFC models)
<b>Power ratings</b>	10, 25, 50, 100, 150, 300 and 600 W	50, 100, 150, 300 and 600 W	300 and 600 W	15, 30, 50, 100, 150, 300 and 600 W
<b>Output voltage/current</b>	5 V: 2 A, 5 A, 10 A, 20 A; 12 V: 1 A, 2.1 A, 4.2 A, 5 A; 15 V: 0.7 A, 1.7 A, 7.0 A; 24 V: 0.5 A, 1.1 A, 2.1 A, 4.5 A, 6.5 A, 14 A, 27 A	5 V: 10 A; 12 V: 4.2 A; 24 V: 2.1 A, 4.5 A, 6.5 A, 14 A, 27 A	5 V: 60 A, 120 A; 12 V: 27 A, 53 A; 24 V: 14 A, 27 A	5 V: 3 A, 6 A, 10 A, 20 A, 30 A, 60 A, 120 A; 12 V: 1.2 A, 2.5 A, 4.5 A, 9 A, 13.5 A, 27 A, 53 A; 15 V: 1 A, 2 A, 3.4 A, 7.2 A, 10 A, 20 A, 40 A; 24 V: 0.6 A, 1.3 A, 2.3 A, 4.6 A, 7 A, 14 A, 27 A
<b>Approvals</b>	UL508 listed, CSA, VDE, CE	UL508, UL1012, CSA, VDE, CE	UL, CSA	UL, CSA, VDE, CE



Page 156



Page 166

## S82F

## S82L

<b>Product type</b>	Enclosed frame, Industrial grade	Enclosed frame, Industrial grade
<b>Output</b>	Single output	Single output
<b>Dimensions mm (in)</b>	120 H x 74 W x 230 D (4.72 x 2.91 x 9.06); 120 H x 146 W x 230 D (4.72 x 5.75 x 9.06)	150 H x 45 W x 120 D (5.91 x 1.77 x 4.72) 150 H x 55 W x 120 D (5.91 x 2.17 x 4.72) 190 H x 60 W x 120 D (7.48 x 2.36 x 4.72) 200 H x 110 W x 120 D (7.87 x 4.33 x 4.72)
<b>Input voltage</b>	85 to 132 VAC/170 to 264 VAC, 47-450 Hz (selectable)	85 to 132 VAC/170 to 264 VAC, 47-450 Hz (selectable)
<b>Power ratings</b>	120 W (peak 240 W) 150 W, 240 W (peak 480 W) and 300 W	30, 60, 100 and 150 W
<b>Output voltage/current</b>	12 V: 13.5 A; 24 V: 7 A, 14 A	5 V: 6 A, 12 A, 20 A, 30 A 12 V: 2.5 A, 5 A, 9 A, 13.5 A 15 V: 2 A, 4 A, 7.2 A, 10.8 A 24 V: 1.3 A, 2.5 A, 4.6 A, 7 A
<b>Approvals</b>	UL, CSA, VDE, CE	UL, CSA, VDE

Additional Power Supplies



S82S

S8E1

S8E3

S82R

<b>Product type</b>	Plastic housed, DIN rail mount	Open frame and covered, Metal housing	Open frame and covered, Metal housing	Open frame and covered, Metal housing
<b>Output</b>	Single output	Single output	Single output	Single output
<b>Dimensions mm (in)</b>	75 H x 37.5 W x 65 D (2.95 x 1.48 x 2.56)	69 H x 28 W x 85 D (2.72 x 1.10 x 3.35) 69 H x 34 W x 94 D (2.72 x 1.34 x 3.70) 69 H x 37 W x 161 D (2.72 x 1.46 x 6.34)	69 H x 33 W x 172 D (2.72 x 1.30 x 6.77); 69 H x 33 W x 193.5 D (2.72 x 1.30 x 7.62)	97 H x 40 W x 161 D (3.82 x 1.57 x 6.34); 112 H x 40 W x 161 D (4.41 x 1.57 x 6.34); 123 H x 44 W x 161 D (4.84 x 1.73 x 6.34)
<b>Input voltage</b>	10.2 to 27.6 VAC	85 to 132 VAC, 47-450 Hz, 110 to 170 VAC	85 to 132 VAC, 47-450 Hz	85 to 132 VAC or 170 to 264 VAC, 47-450 Hz
<b>Power ratings</b>	3 and 7.5 W	10, 15, 25, and 50 W	30 and 50 W	30, 50 and 75 W
<b>Output voltage/current</b>	5 V: 0.6 A, 1.5 A; 12 V: 0.25 A, 0.6 A; 15 V: 0.3 A, 0.5 A; 24 V: 0.13 A, 0.3 A; ±12: +0.3/-0.2 A; ±15: +0.2/-0.2 A	5 V: 2 A, 3 A, 5 A, 10 A 12 V: 1 A, 1.3 A, 2.1 A, 4.2 A 15 V: 0.7 A, 1 A, 1.7 A, 3 A 24 V: 0.5 A, 0.7 A, 1.1 A, 2.2 A	V <sub>1</sub> = 5 V: 3 A, 5 A; V <sub>2</sub> = 12 V: 1.2 A, 1.5 A; 15 V: 1 A, 1.2 A; V <sub>3</sub> = 12 V: 0.3 A, 0.5 A; 15 V: 0.3 A, 0.5 A	Independent control 5 V <sub>1</sub> : 2 A, 3 A, 5 A; 12 V <sub>2</sub> : 2 A, 3 A; 24 V <sub>2</sub> : 1 A, 2 A; Secondary Auxilliary Control 12 V <sub>1</sub> : 1.7 A; 12 V <sub>2</sub> : 0.8 A; 15 V <sub>1</sub> : 1 A; 15 V <sub>2</sub> : 1 A; 12 V <sub>1</sub> : 3 A; 12 V <sub>2</sub> : 1.2 A; 15 V <sub>1</sub> : 1.7 A; 15 V <sub>2</sub> : 1.7 A
<b>Approvals</b>	UL508, CSA	UL, CSA	UL, CSA	UL508 listed, CSA, VDE, CE

For more information on these products, see the data sheets at Omron's Knowledge Center on our website: [www.knowledge.omron.com](http://www.knowledge.omron.com)

## Additional Power Supplies



**S82G**



**S82V**

<b>Product type</b>	Enclosed frame, Industrial grade	Plastic housed, DIN rail mount
<b>Output</b>	Single output	Single output
<b>Dimensions mm (in)</b>	110 H x 45 W x 170 D (4.33 x 1.77 x 6.69); 110 H x 50 W x 190 D (4.33 x 1.97 x 7.48) 110 H x 60 W x 200 D (4.33 x 2.36 x 7.87) 120 H x 100 W x 230 D (4.72 x 3.94 x 9.06)	130 H x 75 W x 65 D (5.12 x 2.95 x 2.56)
<b>Input voltage</b>	85 to 132 VAC/170 to 264 VAC, 47-450 Hz (selectable)	85 to 132 VAC/170 to 264 VAC, 47-450 Hz (selectable)
<b>Power ratings</b>	30, 60, 100, and 150 W	30 and 50 W
<b>Output voltage/current</b>	5 V: 6 A, 12 A, 20 A, 30 A; 12 V: 2.5 A, 5 A, 9 A, 13.5 A; 15 V: 2 A, 4 A, 7.2 A, 10.8 A; 24 V: 1.3 A, 2.5 A, 4.6 A, 7 A	24 V: 1.3 A, 2.1 A
<b>Approvals</b>	UL, CSA, VDE	UL508, CSA, VDE

For more information on these products, see the data sheets at Omron's Knowledge Center on our website: [www.knowledge.omron.com](http://www.knowledge.omron.com)