

OMRON Switching Power Supplies



OMRON S8JX SERIES: SWITCHING POWER SUPPLIES

Specifications:

- Input voltage: 100-240VAC
- Switchable between 100-120 and 200-240VAC
DC power cannot be input

Features:

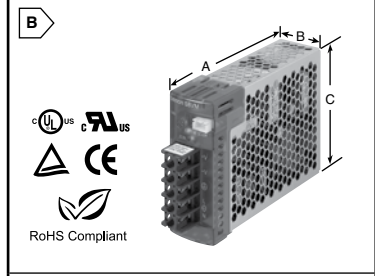
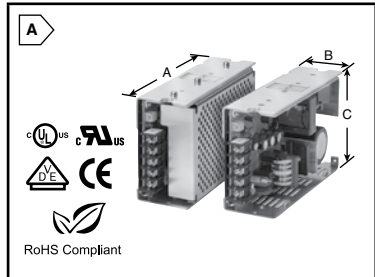
- Multiple mounting options for panel design flexibility
- Universal input voltage
- Series operation available for up to 2 power supplies
- Parallel operation up to 5 units, 300W models



* Dimensions A & B are for overall measurement (from terminal block to mounting bracket)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Dimensions: mm (max.)*			Power Rating (Watts)	Output Voltage (VDC)	Output Current (Amps)	Price Each		
			A	B	C				1	10	25
Open Frame, Front Mount											
653-S8JX-G05024	S8JX-G05024	A	111.0	41.0	93.0	50.0	24	2.10	81.91	78.45	73.51
Covered Frame, Front Mount											
653-S8JX-G05024C	S8JX-G05024C	A	111.0	41.0	93.0	50.0	24	2.10	68.37	68.33	66.51
653-S8JX-G10012C	S8JX-G10012C	A	161.0	51.0	93.0	100.0	12	8.50	81.22	78.32	74.38
653-S8JX-G10024C	S8JX-G10024C	A	161.0	51.0	93.0	100.0	24	4.50	94.71	88.32	83.75
653-S8JX-G30024C	S8JX-G30024C	A	188.1	111.0	93.0	300.0	24	14.00	299.47	278.11	256.57
Covered Frame, DIN Rail Mount											
653-S8JX-G01505CD	S8JX-G01505CD	A	115.5	51.0	92.0	15.0	5	3.00	54.20	54.01	53.44
653-S8JX-G01512CD	S8JX-G01512CD	A	115.5	51.0	92.0	15.0	12	1.30	54.20	54.01	53.72
653-S8JX-G01524CD	S8JX-G01524CD	A	115.5	51.0	92.0	15.0	24	0.65	54.20	54.01	53.72
653-S8JX-G03512CD	S8JX-G03512CD	A	115.5	51.0	92.0	35.0	12	3.00	54.43	54.01	53.88
653-S8JX-G03524CD	S8JX-G03524CD	A	115.5	51.0	92.0	35.0	24	1.50	54.43	51.88	51.32
653-S8JX-G05005CD	S8JX-G05005CD	A	125.5	51.0	93.0	50.0	5	10.00	70.79	70.01	69.55
653-S8JX-G05012CD	S8JX-G05012CD	A	125.5	51.0	93.0	50.0	12	4.20	70.79	70.01	69.55
653-S8JX-G05024CD	S8JX-G05024CD	A	125.5	51.0	93.0	50.0	24	2.10	67.39	66.88	65.18
653-S8JX-G10012CD	S8JX-G10012CD	A	175.5	57.0	93.0	100.0	12	8.50	81.85	80.88	78.33
653-S8JX-G10024CD	S8JX-G10024CD	A	175.5	57.0	93.0	100.0	24	4.50	81.85	80.88	78.33
653-S8JX-G15024CD	S8JX-G15024CD	A	175.5	57.0	93.0	150.0	24	6.50	92.91	89.48	88.61
653-S8JX-G30024CD	S8JX-G30024CD	A	205.8	120.2	93.0	300.0	24	14.00	275.92	256.75	237.00



OMRON S8VM SERIES: SWITCHING MODE POWER SUPPLIES

Specifications:

- Input voltage: 100-240VAC (85-264VAC)
- Insulation resistance: 100MΩ min. (@ 500VDC)
- Bottom mount models cannot be used for front mount.
For a front mount configuration, use DIN rail model

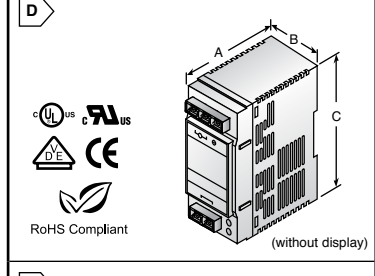
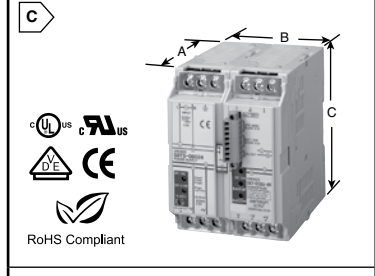
Features:

- Compact body contributes to machine downsizing
- Undervoltage alarm function assists in determining causes of errors
- Design prevents screws from falling out of terminal block
- Finger protection prevents electric shock

* Dimensions A & B are for overall measurement (from terminal block to mounting bracket)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Dimensions: mm (max.)*			Power Rating (Watts)	Output Voltage (VDC)	Output Current (Amps)	Price Each		
			A	B	C				1	10	25
Covered, Bottom Mounting Type											
653-S8VM-01512C	S8VM-01512C	B	98.1	27.0	81.5	15.0	12	1.3	90.00	81.82	75.00
653-S8VM-01515C	S8VM-01515C	B	98.1	27.0	81.5	15.0	15	1.0	90.00	81.82	75.00
653-S8VM-05024C	S8VM-05024C	B	138.1	27.0	82.5	50.0	24	2.2	113.46	104.00	96.00
653-S8VM-10024C	S8VM-10024C	B	178.1	28.5	82.5	100.0	24	4.5	132.25	122.45	114.29
653-S8VM-15005C	S8VM-15005C	B	178.1	37.5	82.5	150.0	5	27.0	198.00	180.00	165.00
653-S8VM-15024C	S8VM-15024C	B	178.1	37.5	82.5	150.0	24	6.5	180.52	167.15	156.01
Covered, DIN Rail Mounting Bracket Type											
653-S8VM-01515CD	S8VM-01515CD	B	112.1	36.5	86.9	15.0	15	1.0	97.20	88.36	81.00
653-S8VM-05024CD	S8VM-05024CD	B	152.1	36.5	87.9	50.0	24	2.2	96.65	89.48	83.52
653-S8VM-15005CD	S8VM-15005CD	B	192.1	42.6	87.9	150.0	5	27.0	197.36	182.73	170.55
653-S8VM-15024CD	S8VM-15024CD	B	192.1	42.6	87.9	150.0	24	6.5	197.36	185.98	182.73
Covered, Undervoltage Alarm, DIN Rail Mounting Bracket Type											
653-S8VM-03024AD	S8VM-03024AD	B	127.1	36.5	87.4	30.0	24	1.3	123.01	120.28	116.13
653-S8VM-05024AD	S8VM-05024AD	B	152.1	36.5	87.9	50.0	24	2.2	138.54	127.00	117.23
653-S8VM-15024AD	S8VM-15024AD	B	192.1	42.6	87.9	150.0	24	6.5	209.00	195.93	179.14



OMRON S8TS SERIES: BLOCK-TYPE, DIN MOUNT, SWITCHING POWER SUPPLIES

Specifications:

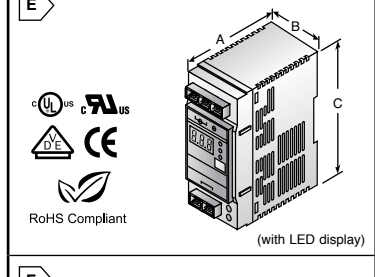
- Connector terminal type with bus line connectors
- Included: S8T-BUS01 and S8T-BUS02

Features:

- Easily connects with multiple units and offers many output combinations

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Dimensions: mm			Power Rating (Watts)	Output Voltage (VDC)	Output Current (Amps)	Price Each		
			A	B	C				1	10	25
Standard Model											
653-S8TS-06024F-E1	S8TS-06024F-E1	C	120.0	48.0	128.1	60.0	24	2.5	208.80	189.82	174.00



OMRON S8VS SERIES: SLIM, DIN MOUNT, SWITCHING POWER SUPPLIES

Specifications:

- Input voltage: 100-240VAC
- Terminal block: Screw

Features for 15/30W:

- Compact, thin power supplies that mount just about anywhere to contribute to control panel downsizing

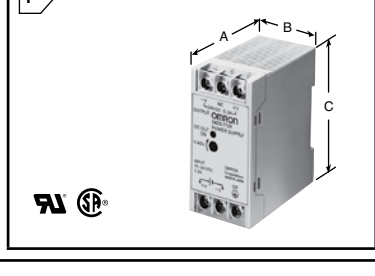
Features for 60/120W:

- Simple functions for easy system commissioning

* Alarm output is sinking

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Dimensions: mm			Power Rating (Watts)	Output Voltage (VDC)	Output Current (Amps)	Price Each		
			A	B	C				1	10	25
Standard Model											
653-S8VS-01505	S8VS-01505	D	96.4	22.5	85.0	15.0	5	2.0	110.36	98.64	94.36
653-S8VS-01512	S8VS-01512	D	96.4	22.5	85.0	15.0	12	1.2	118.39	109.00	102.44
653-S8VS-01524	S8VS-01524	D	96.4	22.5	85.0	15.0	24	0.7	85.93	81.47	77.35
653-S8VS-03005	S8VS-03005	D	96.4	22.5	85.0	30.0	5	4.0	110.05	98.37	94.10
653-S8VS-03024	S8VS-03024	D	96.4	22.5	85.0	30.0	24	1.3	178.85	169.92	160.97
653-S8VS-06024	S8VS-06024	D	108.3	40.0	95.0	60.0	24	2.5	133.84	131.22	123.92
With Indication Monitor (Maintenance Forecast Monitor)											
653-S8VS-12024A	S8VS-12024A	E	121.3	50.0	115.0	120.0	24	5.0	288.07	257.92	244.52



OMRON S82S SERIES: MINIATURE, DIN MOUNT, SWITCHING POWER SUPPLIES

Specifications:

- Input voltage range: 12-24VDC
- DC inputs: 10.2-27.6VDC

Features:

- Mounts onto control panels with 100mm depth
- 7.5W models provide both ±12V and ±15V outputs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Dimensions: mm			Power Rating (Watts)	Output Voltage (VDC)	Output Current (Amps)	Price Each		
			A	B	C				1	10	25
653-S82S-7305	S82S-7305	F	65.0	37.5	75.0	3.0	5	0.6	86.40	78.54	72.00
653-S82S-7705	S82S-7705	F	65.0	37.5	75.0	7.5	12	1.5	120.43	100.36	92.65
653-S82S-7712	S82S-7712	F	65.0	37.5	75.0	7.5	12	0.6	120.43	100.36	92.65

OMRON ALUMINUM MOUNTING DIN RAILS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Dimension Length			Price Each			
			1	10	25	1	10	25	
653-PFP-100N	PFP-100N	A	1m	6.06	5.80	5.70			
653-PFP-50N	PFP-50N	A	50cm	4.64	4.22	4.08			
653-PFP-100N2	PFP-100N2	B	1m	22.69	19.54	18.90			

