

DIN Series

20...60 W Single Output



20W Single Output DIN Rail Power



- Universal AC Input/Full range
- Protections: Short circuit/ Over load/ Over voltage
- Cooling by free air convection
- Installed on DIN rail TS35/7.5 or 15
- LED indicator for power on
- DC OK signal
- No load power consumption <0.75W
- 100% full load burn-in test
- 3 years warranty

Case: 956, 22.5 x 90 x 100 mm

Input voltage range	85...264 VAC / 120...370 VDC
AC inrush current	Cold start, 20A at 115 VAC, 40A at 230 VAC
DC adjustment range	+/-10% rated output voltage
Over load protection	105%...160% rated output power
Over voltage protection	115%...135% rated output power
Setup, rise, hold up time	500ms, 30ms, 50ms at full load and 230 VAC
Withstand voltage	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, 1 minute
Working temperature	-20...+50°C @100%, 70°C @50% load
Safety standards	UL508, TUV EN60950-1 approved
EMC standards	EN55011, EN55022 (CISPR22) class B, EN61204-3 class B, EN61000-2-2, -3, EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV5204, ENV5204, EN55024, EN55024, EN61000-6-2, EN61204-3, light industry level, criteria A
Connection	I/P: 3 poles, O/P: 3 poles screw DIN terminal

Stock No.	Model No.	Output	Tol.	R&N	Eff.
11131	MDR-20-5	5V, 0-3.0A	+/-2%	80mV	76.0%
11132	MDR-20-12	12V, 0-1.67A	+/-1%	120mV	80.0%
11133	MDR-20-15	15V, 0-1.34A	+/-1%	120mV	81.0%
11134	MDR-20-24	24V, 0-1.0A	+/-1%	150mV	84.0%

40/60W Single Output DIN Rail Power



- Universal AC Input/Full range
- Protections: Short circuit/ Over load/ Over voltage
- Cooling by free air convection
- Installed on DIN rail TS35/7.5 or 15
- LED indicator for power on
- DC OK relay contact
- No load power consumption <0.75W
- 100% full load burn-in test
- 3 years warranty

Case: 962A, 40 x 90 x 100 mm

Input voltage range	85...264 VAC / 120...370 VDC
AC inrush current	Cold start, 30A at 115 VAC, 60A at 230 VAC
DC adjustment range	0...+20% rated output voltage
Over load protection	105...150% rated output power
Over voltage protection	120...140% rated output power
Setup, rise, hold up time	500ms, 30ms, 50ms at full load and 230 VAC
Withstand voltage	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, 1 minute
Working temperature	-20...+60°C @100%, +70°C @60% load
Safety standards	UL508, TUV EN60950-1 approved
EMC standards	EN55011, EN55022 (CISPR22) class B, EN61204-3 class B, EN61000-2-2, -3, EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV5204, EN55024, EN61000-6-2, EN61204-3 heavy industry level, criteria A
Connection	I/P: 3 poles, O/P: 6 poles screw DIN terminal

Stock No.	Model No.	Output	Tol.	R&N	Eff.
11141	MDR-40-5	5V, 0-6A	+/-2%	80mV	79.0%
11142	MDR-40-12	12V, 0-3.33A	+/-1%	120mV	86.0%
11143	MDR-40-24	24V, 0-1.7A	+/-1%	120mV	88.0%
11144	MDR-40-48	48V, 0-0.83A	+/-1%	150mV	89.0%
11151	MDR-60-5	5V, 0-10A	+/-2%	80mV	79.0%
11152	MDR-60-12	12V, 0-5A	+/-1%	120mV	86.0%
11153	MDR-60-24	24V, 0-2.5A	+/-1%	150mV	88.0%
11154	MDR-60-48	48V, 0-1.25A	+/-1%	200mV	88.0%

30W Single Output Class II DIN Rail Power



- Universal AC Input/Full range
- Installed on DIN rail TS35/7.5 or 15
- Protections: Short circuit/ Over load/ Over voltage
- Isolation Class II
- Approvals: UL/CUL/TUV/CB/CE
- LED indicator for power on
- Cooling by free air convection
- 100% full load burn-in test
- 3 years warranty

Case: 9188, 78 x 93 x 56 mm

Input voltage range	85...264 VAC / 120...370 VDC
AC inrush current	Cold start, 15A at 115 VAC, 30A at 230 VAC
DC adjustment range	+/-10% rated output voltage
Over load protection	105%...160% constant current limiting, auto-recovery
Over voltage protection	115%...135% rated output voltage
Setup, rise, hold up time	100ms, 30ms, 100ms at full load and 230 VAC
Withstand voltage	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, 1 minute
Working temperature	-20...+50°C @100%, 60°C @80% load
Safety standards	UL60950-1, TUV EN60950-1 approved
EMC standards	EN55022 class B, EN61000-2-2, -3, EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV5204, EN61204-3
Connection	I/P: 2 poles, O/P: 4 poles screw DIN terminal
Packing	0.27kg, 48 pcs/14.0kg/1.02CUFT

Stock No.	Model No.	Output	Tol.	R&N	Eff.
11241	DR-30-5	5V, 0-3.0A	+/-2%	80mV	74.0%
11242	DR-30-12	12V, 0-2.0A	+/-1%	120mV	81.0%
11243	DR-30-15	15V, 0-2.0A	+/-1%	120mV	82.0%
11244	DR-30-24	24V, 0-1.5A	+/-1%	150mV	83.0%

60W Single Output Class II DIN Rail Power



- Universal AC Input/Full range
- Installed on DIN rail TS35/7.5 or 15
- Protections: Short circuit/ Over load/ Over voltage
- Isolation Class II
- Approvals: UL/CUL/TUV/CB/CE
- LED indicator for power on
- Cooling by free air convection
- 100% full load burn-in test
- 3 years warranty

Case: 9188, 78 x 93 x 56 mm

Input voltage range	88...264 VAC / 124...370 VDC
AC inrush current	Cold start, 18A at 115 VAC, 36A at 230 VAC
DC adjustment range	+/-10% rated output voltage
Over load protection	105%...160% constant current limiting, auto-recovery
Over voltage protection	115%...135% rated output voltage
Setup, rise, hold up time	100ms, 30ms, 100ms at full load and 230 VAC
Withstand voltage	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, 1 minute
Working temperature	-20...+45°C @100%, 60°C @60% load
Safety standards	UL60950-1, TUV EN60950-1 approved
EMC standards	EN55022 class B, EN61000-2-2, EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV5204, EN61204-3
Connection	I/P: 2 poles, O/P: 4 poles screw DIN terminal
Packing	0.3kg, 48 pcs/15.4kg/1.02CUFT

Stock No.	Model No.	Output	Tol.	R&N	Eff.
11251	DR-60-5	5V, 0-6.5A	+/-2%	80mV	76.0%
11252	DR-60-12	12V, 0-4.5A	+/-1%	120mV	82.0%
11253	DR-60-15	15V, 0-4.0A	+/-1%	120mV	83.0%
11254	DR-60-24	24V, 0-2.5A	+/-1%	150mV	84.0%