




Power Supplies

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	Item Number	Output	Input Voltage Range	Functional Description	
Pro – Professional and Efficient Power Supplies with Extra Power					
	787-819	12 VDC (11 ... 18 V) / 6 A	1 x 85 ... 264 VAC 120 ... 373 VDC	<ul style="list-style-type: none"> • TopBoost provides up to 60 A of additional output for 50 ms • PowerBoost offers up to 200% output power for four seconds • DC OK contact and stand-by input • Clear operating status indication via LED • Up to 94% efficiency • Surrounding air temperature: -25 ... +70°C (device start at -40°C, type-tested) • Slim design and versatile mounting options • Pluggable CAGE CLAMP® connectors • Approvals: UL 508, UL 60950 • LineMonitor for parameter setting and input/output monitoring^{a)} 	
	787-821	12 VDC (11 ... 18 V) / 10 A			
	787-831	12 VDC (11 ... 18 V) / 15 A			
	787-818	24 VDC (22 ... 29.5 V) / 3 A			
	787-822	24 VDC (22 ... 29.5 V) / 5 A			
	787-832	24 VDC (22 ... 29.5 V) / 10 A			
	787-834	24 VDC (22 ... 29.5 V) / 20 A			
	787-833	48 VDC (33 ... 52 V) / 5 A			
	787-835	48 VDC (33 ... 52 V) / 10 A			
	787-840	24 VDC (22.8 ... 28.8 V) / 10 A			
	787-842	24 VDC (22.8 ... 28.8 V) / 20 A			
	787-844	24 VDC (22.8 ... 28.8 V) / 40 A			
	787-850 ^{a)}	24 VDC (22.8 ... 28.8 V) / 10 A	2/3 x 340 ... 550 VAC 480 ... 780 VDC		
	787-852 ^{a)}	24 VDC (22.8 ... 28.8 V) / 20 A			
	787-854 ^{a)}	24 VDC (22.8 ... 28.8 V) / 40 A			
	787-845	48 VDC (39 ... 53 V) / 10 A			
	787-847	48 VDC (39 ... 53 V) / 20 A			
Classic – Robust Power Supplies with Integrated TopBoost					
	787-1601 ^{b)}	12 VDC (11.5 ... 14.5 V) / 2 A	1/2 x 85 ... 264 VAC 120 ... 372 VDC	<ul style="list-style-type: none"> • Slim design • Integrated TopBoost (787-16xx with ≥ 120 W) • DC OK signal/contact • Clear operating status indication via LED • Marking field for device identification • Up to 93% efficiency • Surrounding air temperature: -25 ... +70°C (device start at -40°C, type-tested) • Pluggable CAGE CLAMP® connectors • Approvals: UL 508, UL 60950, GL • Approval: EN 60335-1^{b)} 	
	787-1611 ^{b)}	12 VDC (11.5 ... 14.5 V) / 4 A			
	787-1621 ^{b)}	12 VDC (11.5 ... 14.5 V) / 7 A			
	787-1631	12 VDC (11.5 ... 15 V) / 15 A			
	787-1602 ^{b)}	24 VDC (23 ... 28.5 V) / 1 A			
	787-1606 ^{b)}	24 VDC (23 ... 28.5 V) / 2 A			
	787-1616 ^{b)}	24 VDC (23 ... 28.5 V) / 4 A			
	787-1616/000-1000 ^{b)}	24 VDC (23 ... 28.5 V) / 3.8 A LPS			
	787-1622 ^{b)}	24 VDC (23 ... 28.5 V) / 5 A			
	787-1632	24 VDC (23 ... 28.5 V) / 10 A			
	787-1634	24 VDC (23 ... 28.5 V) / 20 A			
	787-1623 ^{b)}	48 VDC (40 ... 56 V) / 2 A			
	787-1633	48 VDC (40 ... 56 V) / 5 A			
	787-1635	48 VDC (40 ... 56 V) / 10 A			
	787-1628	24 VDC (23 ... 28.5 V) / 5 A	1/2 x 180 ... 500 VAC 254 ... 780 VDC		
	787-1638	24 VDC (23 ... 28.5 V) / 10 A			
	787-1640	24 VDC (23 ... 28.5 V) / 10 A	2/3 x 320 ... 575 VAC 450 ... 800 VDC		
	787-1642	24 VDC (23 ... 28.5 V) / 20 A			
	787-1644	24 VDC (23 ... 28.5 V) / 40 A			
	Eco – Economical Power Supplies for Standard Applications				
	787-712 ^{c)}	24 VDC (22 ... 28 V) / 2.5 A	1 x 85 ... 264 VAC 130 ... 373 VDC	<ul style="list-style-type: none"> • Economical and robust metal housing • Clear operating status LED indication and optional DC OK contact • Up to 90% efficiency • Surrounding air temperature: -25 ... +70°C • Overhead mounting possible • Approvals: UL 508, UL 60950 • Approvals: ATEX/IEC Ex, Zone 2 or Class I Div. 2^{c)} 	
	787-722 ^{c)}	24 VDC (22 ... 28 V) / 5 A			
	787-732 ^{c)}	24 VDC (22 ... 28 V) / 10 A			
	787-734	24 VDC (22 ... 28 V) / 20 A	1 x 90 ... 264 VAC 130 ... 373 VDC		
	787-736	24 VDC (22 ... 28 V) / 40 A			
	787-738	24 VDC (22 ... 28 V) / 6.25 A	2/3 x 360 ... 460 VAC		
	787-740	24 VDC (24 ... 28 V) / 10 A			
	787-2742	24 VDC (22 ... 28 V) / 20 A	2/3 x 340 ... 575 VAC 460 ... 800 VDC		
	787-2744	24 VDC (24 ... 28 V) / 40 A			
	787-1701	12 VDC (10 ... 14 V) / 2 A	1 x 90 ... 264 VAC 125 ... 375 VDC		<ul style="list-style-type: none"> • Budget-friendly for basic applications • Flexible mounting via DIN-rail adapter • Flexible installation via screw-mount clips • Up to 84% efficiency • Approvals: UL 508, UL 60950, EN 60335-1
	787-1711	12 VDC (10 ... 14 V) / 4 A			
	787-1721	12 VDC (10 ... 14 V) / 8 A			
	787-1702	24 VDC (22 ... 26 V) / 1.25 A			
	787-1712	24 VDC (22 ... 26 V) / 2.5 A			
	787-1722	24 VDC (22 ... 26 V) / 5 A			
787-1732	24 VDC (22 ... 26 V) / 10 A				

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COMPACT Power – Compact and High-Performance Power Supplies				
	787-1001	12 VDC (10.8 ... 18 V) / 2 A	1 x 85 ... 264 VAC 120 ... 373 VDC	<ul style="list-style-type: none"> • Compact, low-profile design • Ideal for decentralized applications • Clear operating status indication via LED • Up to 88% efficiency • Surrounding air temperature: -25 ... +60°C (device start at -40°C, type-tested) • Overhead mounting permitted • Approvals: UL 508, UL 60950, GL
	787-1011	12 VDC (10.5 ... 15.5 V) / 4 A		
	787-1021	12 VDC (10.5 ... 15.5 V) / 6.5 A		
	787-1017	18 VDC (15 ... 28 V) / 2.5 A		
	787-1002	24 VDC (22.8 ... 26.4 V) / 1.3 A		
	787-1012	24 VDC (22.8 ... 26.4 V) / 2.5 A		
	787-1022	24 VDC (22.8 ... 26.4 V) / 4 A		
	787-1020	5 VDC (4.5 ... 8.5 V) / 5.5 A		
	787-1102	24 VDC (22.8 ... 26.4 V) / 1.3 A	1 x 90 ... 264 VAC 125 ... 375 VDC	<ul style="list-style-type: none"> • Budget-friendly for basic applications • Mounting on DIN-rail and flexible installation via screw-mount clips • Removable front plate improves cooling in alternative mounting positions • Up to 90% efficiency • Surrounding air temperature: -25 ... +70°C • Approvals: UL 508, UL 60950, EN 60335-1
	787-1112	24 VDC (22.8 ... 26.4 V) / 2.5 A		
	787-1122	24 VDC (22.8 ... 26.4 V) / 4 A		
	787-1202	24 VDC (22 ... 26 V) / 1.3 A		
	787-1212	24 VDC (22 ... 26 V) / 2.5 A		
	787-1216	24 VDC (22 ... 26 V) / 4.2 A		
	787-1226	24 VDC (22 ... 26 V) / 6 A		
	IP67 Power – Reliable Power Supply for Distributed Automation			
	787-6716	24 VDC / 4 A	1 x 90 ... 264 VAC	<ul style="list-style-type: none"> • IP67 protection • PowerBoost offers up 150% output power for four seconds • Efficiency: 92.3% • Surrounding air temperature: -40 ... +85°C
Safety Transformers – Robust and Low-Profile DIN-Rail-Mount Modules				
	787-974	12/24 VAC (0 ... 24 V) / 40 VA	110/230 VAC (0 ... 230 V)	<ul style="list-style-type: none"> • Robust housing for easy and vibration-proof DIN-rail mounting • Surrounding air temperature: -25 ... +55°C • Approval: UL 5085
	787-976	12/24 VAC (0 ... 24 V) / 63 VA		
Fan Control				
	787-914	22 VDC (12 ... 22 V) / 1 A	1 x 90 ... 264 VAC 130 ... 373 VDC	<ul style="list-style-type: none"> • Adjustable output voltage: 12 ... 22 VDC, front side by tool and analog signal 0 ... 10 V • Easy mounting on DIN-rail • Flexible installation via screw-mount clips
DC/DC Converters – Dependable Power Supply for Specialty Voltages				
	787-2801	5 VDC / 0.5 A	24 VDC (10 ... 30 V)	<ul style="list-style-type: none"> • Full commoning of the supply voltage with both 857 and 2857 Series • DC OK contact • Approvals: UL 508, UL 60950
	787-2802	10 VDC / 0.5 A	24 VDC (15 ... 30 V)	
	787-2803	24 VDC / 0.5 A	48 VDC (40 ... 55 V)	
	787-2805	12 VDC / 0.5 A	24 VDC (15 ... 30 V)	
	787-2810	5 / 10 / 12 VDC, adjustable / 0.5 A	24 VDC (10 ... 30 V)	<ul style="list-style-type: none"> • Electrically isolated output • Suitable for railway applications per EN 50155 • Approvals: UL 508, UL 60950 (except 787-1015/0072-0000)
	787-1014	24 VDC / 2 A	110 VDC (77 ... 140 V)	
	787-1014/072-000	24 VDC / 2 A	72 VDC (40 ... 90 V)	
	787-1015/072-000	12 VDC / 4 A	72 VDC (40 ... 90 V)	
	787-1650	12 VDC / 4 A	24 VDC (18 ... 60 V)	
Uninterruptible Power Supplies (UPS) – Reliably Compensate for Long Power Outages				
	787-870	24 VDC (20 ... 25.5 V) / 10 A	24 VDC	<ul style="list-style-type: none"> • Slim UPS charger and controller with convenient visualization and configuration • Optional power supply with integrated UPS charger and controller (787-1675) • Battery control technology for predictive maintenance that extends battery life • Pluggable CAGE CLAMP® connectors • Approvals: UL 508, UL 60950
	787-875	24 VDC (20 ... 25.5 V) / 20 A		
	787-1675	23 ... 28.5 VDC (mains operation) 18.5 ... 27.5 VDC (battery operation) / 5 A	1/2 x 85 ... 264 VAC 110 ... 370 VDC	
	787-1671	24 VDC / max. 5 A / 0.8 Ah	24 VDC	
	787-876	24 VDC / max. 7.5 A / 1.2 Ah		
	787-871	24 VDC / max. 20 A / 3.2 Ah		
	787-872	24 VDC / max. 40 A / 7 Ah		
	787-873	24 VDC / max. 40 A / 12 Ah		