

77 Series

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REPORT



77 Series - Solid State Relays - SSR

The 77 Series is particularly suitable for resistive loads and for industrial applications where a high switching rate and high inrush currents can be problematic. This Series offers 15 - 25 - 30 - 40 and 50 Amps for your AC "Zero crossing" or "Random" switching requirements.

FINDER products have a wide range of quality approvals with great switching performance. Compliant with the CE directive, IEC standards and the RoHS directive.

CE



UL cULus VDE
Approvals (according to type)



ISO 9001:2008



ISO 14001:2004

Finder S.p.A.



Features and Specification

- 1 NO, 15 - 25 - 30 - 40 and 50 Amps output
- Versions available for "Zero Crossing" or "Random" switching
- High-speed switching and long electrical life
- Silent switching without electric arcing or "contact" bounce
- LED indicator
- 35 mm rail (EN 60715) mount and "Hockey Puck" style



Type 77.11.x.xxx.825x

- Rated output current 15 A
- Maximum peak current (10 ms): 400 A
- Zero-crossing and random switch-on versions available
- Modular, 35 mm rail (EN 60715) mount



UL File E359047



Type 77.31.x.xxx.80xx

- Rated output current 30 A
- Maximum peak current (10 ms): 520 A
- Zero-crossing and random switch-on versions available
- "Relay-style" terminal arrangement or "Contactor-style" terminal arrangement
- Modular, 35 mm rail (EN 60715) mount



Type	Input version 24 V DC (4...32)V DC	Input version 230 V AC (40...305)V AC	230 V AC Output (19...305)V AC
Zero Crossing	77.11.9.024.8250	77.11.8.230.8250	15 A
Random	77.11.9.024.8251	77.11.8.230.8251	15 A

"Relay-style" terminal arrangement (input and output terminals on opposite sides)

Type	Input version 24 V DC (4...32)V DC	Input version 230 V AC (40...280)V AC	400 V AC Output (48...480)V AC
Zero Crossing	77.31.9.024.8050	77.31.8.230.8050	30 A
Random	77.31.9.024.8051	77.31.8.230.8051	30 A

"Contactor-style" terminal arrangement (input and output terminals on adjacent sides)

Type	Input version 24 V DC (4...32)V DC	Input version 230 V AC (40...280)V AC	400 V AC Output (48...480)V AC
Zero Crossing	77.31.9.024.8070	77.31.8.230.8070	30 A
Random	77.31.9.024.8071	77.31.8.230.8071	30 A



UL File E106390

Type 77.x5.x.xxx.8x50

- Output current options:
25 - 40 - 50 A at 230 V AC or 600 V AC
- Zero-crossing version
- Mounting to heatsink with screws

Type	Input version 24 V DC (3...32)V DC	Input version 230 V AC (90...280)V AC	230 V AC Output (21.6...280)V AC
Zero Crossing	77.25.9.024.8250	77.25.8.230.8250	25 A
	77.45.9.024.8250	77.45.8.230.8250	40 A
	77.55.9.024.8250	77.55.8.230.8250	50 A

Type	Input version 24 V DC (4...32)V DC	Input version 230 V AC (90...280)V AC	600 V AC Output (43.2...660)V AC
Zero Crossing	77.25.9.024.8650	77.25.8.230.8650	25 A
	77.45.9.024.8650	77.45.8.230.8650	40 A
	77.55.9.024.8650	77.55.8.230.8650	50 A

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