

REPORT

77 Series

finder®
SWITCH TO THE FUTURE

NEW



Solid State Relays

Range of modular and “hockey puck” Industrial Solid State Relays (SSR)

Particularly suitable for resistive loads and for industrial applications where high switching frequencies and high inrush currents can be problematic.

Approvals (according to type)

Features

- 1 NO output, from 5 to 50 A
- Versions available for “Zero Crossing” or “Random” switching
- Versions available with DC output
- High-speed switching and high electrical life
- Silent switching without electric arcing or “contact” bounce
- 35 mm rail (EN 60715) mount or panel mount



NEW

Type 77.01.9.024.9024

- Maximum peak current (10 ms): 160 A
- DC output
- Modular, 35 mm rail (EN 60715) mount

Type	Switching characteristic	Input	Output	
		Operating range	Rated current	Switching voltage range
77.01.9.024.9024	Fast turn ON	(4...36)V DC	15 A	(16...32)V DC



NEW

Type 77.01.9.024.9125

- Maximum peak current (10 ms): 60 A
- DC output
- Suitable for railway applications
- Modular, 35 mm rail (EN 60715) mount

Type	Switching characteristic	Input	Output	
		Operating range	Rated current	Switching voltage range
77.01.9.024.9125	Fast turn ON	(4...36)V DC	7 A	(43...140)V DC



Type 77.01.x.xxx.805x

- Maximum peak current (10 ms): 300 A
- Modular, 35 mm rail (EN 60715) mount

Type	Switching characteristic	Input	Output	
		Operating range	Rated current	Switching voltage range
77.01.0.024.8050	Zero Crossing	(16...32)V AC, (9.8...32)V DC	5 A	(48...265)V AC
77.01.0.024.8051	Random	(16...32)V AC, (9.8...32)V DC	5 A	(48...265)V AC
77.01.8.230.8050	Zero Crossing	(90...265)V AC	5 A	(48...265)V AC
77.01.8.230.8051	Random	(90...265)V AC	5 A	(48...265)V AC



Type 77.11.x.xxx.825x

- Maximum peak current (10 ms): 400 A
- Modular, 35 mm rail (EN 60715) mount

Type	Switching characteristic	Input	Output	
		Operating range	Rated current	Switching voltage range
77.11.9.024.8250	Zero Crossing	(4...32)V DC	15 A	(19...305)V AC
77.11.9.024.8251	Random	(4...32)V DC	15 A	(19...305)V AC
77.11.8.230.8250	Zero Crossing	(40...305)V AC	15 A	(19...305)V AC
77.11.8.230.8251	Random	(40...305)V AC	15 A	(19...305)V AC



Type 77.31.x.xxx.80xx

- Maximum peak current (10 ms): 520 A
- Modular, 35 mm rail (EN 60715) mount

Type "Relay-style" terminal arrangement (input and output terminals on opposite sides)	Type "Contactor-style" terminal arrangement (input and output terminals on adjacent sides)	Switching characteristic	Input	Output	
			Operating range	Rated current	Switching voltage range
77.31.9.024.8050	**77.31.9.024.8070**	Zero Crossing	(4...32)V DC	30 A	(48...480)V AC
77.31.9.024.8051	**77.31.9.024.8071**	Random	(4...32)V DC	30 A	(48...480)V AC
77.31.8.230.8050	**77.31.8.230.8070**	Zero Crossing	(40...280)V AC	30 A	(48...480)V AC
77.31.8.230.8051	**77.31.8.230.8071**	Random	(40...280)V AC	30 A	(48...480)V AC



Type 77.x5.x.xxx.8x50

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

Type	Switching characteristic	Input	Output	
		Operating range	Rated current	Switching voltage range
77.25.9.024.8250	Zero Crossing	(3...32)V DC	25 A	(21.6...280)V AC
77.25.8.230.8250	Zero Crossing	(90...280)V AC	25 A	(21.6...280)V AC
77.45.9.024.8250	Zero Crossing	(3...32)V DC	40 A	(21.6...280)V AC
77.45.8.230.8250	Zero Crossing	(90...280)V AC	40 A	(21.6...280)V AC
77.55.9.024.8250	Zero Crossing	(3...32)V DC	50 A	(21.6...280)V AC
77.55.8.230.8250	Zero Crossing	(90...280)V AC	50 A	(21.6...280)V AC
77.25.9.024.8650	Zero Crossing	(4...32)V DC	25 A	(43.2...660)V AC
77.25.8.230.8650	Zero Crossing	(40...280)V AC	25 A	(43.2...660)V AC
77.45.9.024.8650	Zero Crossing	(4...32)V DC	40 A	(43.2...660)V AC
77.45.8.230.8650	Zero Crossing	(40...280)V AC	40 A	(43.2...660)V AC
77.55.9.024.8650	Zero Crossing	(4...32)V DC	50 A	(43.2...660)V AC
77.55.8.230.8650	Zero Crossing	(40...280)V AC	50 A	(43.2...660)V AC

FINDER reserves the right to alter characteristics at any time without notice.FINDER assumes no liability for damage to persons or property, caused as a result of the incorrect use or application of its products.