

REPORT

77 Series



finder[®]

SWITCH TO THE FUTURE

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.



Features

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

Approvals (according to type)





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