

RM84 / RM85 / RM87

Miniature Electromagnetic Relays

R84 DPDT AC 50/60Hz & DC coil

Part Number	Coil Voltage (V)	Coil Type	Coil resistance at 20 °C in Ω	Coil operating range	
				min. (at 20°C)	max. (at 55°C)
▶ RM84-2012-35-1012	12	DC	360	8.4	30.6
▶ RM84-2012-35-1024	24	DC	1440	16.8	61.2
▶ RM84-2012-35-1110	110	DC	25200	77.0	280.0
▶ RM84-2012-35-5120	120	AC 50/60Hz	10200	96.0	144.0
▶ RM84-2012-35-5230	230	AC 50/60Hz	38500	184.0	276.0

R84 DPST(2NO) AC 50/60Hz & DC coil

Part Number	Coil Voltage (V)	Coil Type	Coil resistance at 20 °C in Ω	Coil operating range	
				min. (at 20°C)	max. (at 55°C)
▶ RM84-2022-35-1012	12	DC	360	8.4	30.6
▶ RM84-2022-35-1024	24	DC	1440	16.8	61.2
▶ RM84-2022-35-1110	110	DC	25200	77.0	280.0
▶ RM84-2022-35-5120	120	AC 50/60Hz	10200	96.0	144.0
▶ RM84-2022-35-5230	230	AC 50/60Hz	38500	184.0	276.0

R85 SPDT AC 50/60Hz & DC coil

Part Number	Coil Voltage (V)	Coil Type	Coil resistance at 20 °C in Ω	Coil operating range	
				min. (at 20°C)	max. (at 55°C)
▶ RM85-2011-35-1012	12	DC	360	8.4	30.6
▶ RM85-2011-35-1024	24	DC	1440	16.8	61.2
▶ RM85-2011-35-1110	110	DC	25200	77.0	280.0
▶ RM85-2011-35-5120	120	AC 50/60Hz	10200	96.0	144.0
▶ RM85-2011-35-5230	230	AC 50/60Hz	38500	184.0	276.0

R85 SPST(1NO) AC 50/60Hz & DC coil

Part Number	Coil Voltage (V)	Coil Type	Coil resistance at 20 °C in Ω	Coil operating range	
				min. (at 20°C)	max. (at 55°C)
▶ RM85-2021-35-1012	12	DC	360	8.4	30.6
▶ RM85-2021-35-1024	24	DC	1440	16.8	61.2
▶ RM85-2021-35-1110	110	DC	25200	77.0	280.0
▶ RM85-2021-35-5120	120	AC 50/60Hz	10200	96.0	144.0
▶ RM85-2021-35-5230	230	AC 50/60Hz	38500	184.0	276.0

R87 SPDT AC 50/60Hz & DC coil

Part Number	Coil Voltage (V)	Coil Type	Coil resistance at 20 °C in Ω	Coil operating range	
				min. (at 20°C)	max. (at 55°C)
▶ RM87N-2011-35-1012	12	DC	360	8.4	30.6
▶ RM87N-2011-35-1024	24	DC	1440	16.8	61.2
▶ RM87N-2011-35-1110	110	DC	25200	77.0	280.0
▶ RM87N-2011-35-5120	120	AC 50/60Hz	10200	96.0	144.0
▶ RM87N-2011-35-5230	230	AC 50/60Hz	38500	184.0	276.0

R87 SPST(1NO) AC 50/60Hz & DC coil

Part Number	Coil Voltage (V)	Coil Type	Coil resistance at 20 °C in Ω	Coil operating range	
				min. (at 20°C)	max. (at 55°C)
▶ RM87N-2021-35-1012	12	DC	360	8.4	30.6
▶ RM87N-2021-35-1024	24	DC	1440	16.8	61.2
▶ RM87N-2021-35-1110	110	DC	25200	77.0	280.0
▶ RM87N-2021-35-5120	120	AC 50/60Hz	10200	96.0	144.0
▶ RM87N-2021-35-5230	230	AC 50/60Hz	38500	184.0	276.0

* waterproof version

▶ **BOLD** - Regular stocked items.

Mouser Electronics

Authorized Distributor

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Altech:

<u>RM87N-2011-35-1048</u>	<u>RM87N-2011-35-1060</u>	<u>RM87N-2011-35-1024</u>	<u>RM87N-2011-35-5230</u>	<u>RM87N-2011-35-1018</u>
<u>RM87N-2011-35-1110</u>	<u>RM87N-2011-25-5120</u>	<u>RM87N-2021-35-5120</u>	<u>RM87N-2021-25-1012</u>	<u>RM87N-2021-35-5230</u>
<u>RM87N-2021-25-5120</u>	<u>RM87N-2011-25-1012</u>	<u>RM87N-2011-25-5230</u>	<u>RM87N-2021-25-1024</u>	<u>RM87N-2011-35-5024</u>
<u>RM87N-2011-35-1005</u>	<u>RM87N-2011-35-1012</u>	<u>RM87N-2011-35-5120</u>	<u>RM87N-2021-35-1060</u>	<u>RM87N-2011-35-5012</u>
<u>RM87N-2021-25-5230</u>	<u>RM87N-2021-25-1110</u>	<u>RM87N-2011-25-1110</u>	<u>RM87N-2011-35-1009</u>	<u>RM87N-2011-25-1024</u>
<u>RM87N-2021-35-1012</u>	<u>RM87N-2021-35-1024</u>	<u>RM87N-2011-35-5110</u>	<u>RM87N-2021-35-1110</u>	<u>RM87N-2011-35-1006</u>
<u>RM87N-2021-35-1005</u>	<u>RM87N-2021-35-1048</u>			