

Subminiature relays

Low level to 10 Amps

Series	M83536/1,2	M83536/5,6	M83536/21,22
Rating	Low level to 5 Amps	Low level to 5 Amps	Low level to 10 Amps
觸點配置	2 PDT	4 PDT	3 PDT
形式	Non-latch and latch	Non-latch and latch	Non-latch and latch
電性資料(VAC with 400 Hz)			
Contact rating	28 VDC / 115 VAC	28 VDC / 115 VAC	28 VDC / 115 VAC
Resistive	5 Amps / 5 Amps	5 Amps / 5 Amps	10 Amps / 10 Amps
Inductive	3 Amps / 5 Amps	3 Amps / 5 Amps	6 Amps / 8 Amps
Motor	2 Amps / 3 Amps	2 Amp / 3 Amps	4 Amps / 4 Amps
Lamp	1 Amp / 1 Amp	1 Amp / 1 Amp	2 Amps / 2 Amps
Nominal coil voltage			
Coil power @ Nominal			
Coil power @ Pick up			
DC Non-latch	6 / 12 / 28 / 48 VDC	6 / 12 / 28 / 48 VDC	6 / 12 / 28 / 48 VDC
DC Latch	6 / 12 / 28 VDC	6 / 12 / 28 VDC	6 / 12 / 28 VDC
AC coil (50 – 400 Hz)	28, 115/200 VAC	28, 115/200 VAC	28, 115/200 VAC
Coil resistance (Ohms)			
DC Non-latch	30/125/500/1600	25/100/400/1275	25/100/400/1275
DC Latch	43 / 182 / 730	37 / 148 / 600	600
AC coil, Current, I max.	.100 / .040 / .024	.120 / .040 / .028	.120 / .040 / .028
Operate time, max. (ms)			
DC Non-latch	4	6	6
DC Latch	4	6	15
AC coil	12	15	6
Release time, max. (ms)			
DC Non-latch	4	6	6
AC coil	4	25	25
Bounce time max (ms)	1.0	1.0	1.0
Environmental data			
Temperature range	-70°C - 125°C	-70°C - 125°C	-70°C - 125°C
Mechanical data			
Weight, max	16 g	30 g	31 g
Dimensions, max (in)	0.81 * 0.41 * 0.64	0.81 * 0.41 * 0.64	0.81 * 0.41 * 0.64

Subminiature relays

Low level to 25 Amps

Series	M83536/9,10,11, 12,13	M83536/15,16, 17,18,19	M83536/32,33
Rating	Low level to 12 Amps	Low level to 12 Amps	Low level to 25 Amps
觸點配置	2 PDT	4 PDT	3 PDT
形式	Non-latch and latch	Non-latch and latch	Non-latch and latch
電性資料(VAC with 400 Hz)			
Contact rating	28 VDC / 115 VAC	28 VDC / 115 VAC	28 VDC / 115 VAC
Resistive	12 Amps / 12 Amps	12 Amps / 12 Amps	25 Amps / 25 Amps
Inductive	8 Amps / 8 Amps	8 Amps / 8 Amps	12 Amps / 15 Amps
Motor	4 Amps / 4 Amps	4 Amps / 4 Amps	10 Amps / 10 Amps
Lamp	2 Amps / 2 Amp	2 Amps / 2 Amps	5 Amps / 5 Amps
Nominal coil voltage			
Coil power @ Nominal			
Coil power @ Pick up			
DC Non-latch	6 / 12 / 28 / 48 VDC	6 / 12 / 28 / 48 VDC	6 / 12 / 28 / 48 VDC
DC Latch	6 / 12 / 28 / 48 VDC	6 / 12 / 28 / 48 VDC	6 / 12 / 28 / 48 VDC
AC coil (50 – 400 Hz)	28, 115/200 VAC	28, 115/200 VAC	28, 115/200 VAC
Coil resistance (Ohms)			
DC Non-latch	20/80/320/1000	18/70/290/890	18/70/290/890
DC Latch	38/150/600/1600	28/112/450/1500	28/112/450/1500
AC coil, Current, I max.	.24 / .04 / .024	.120 / .040 / .028	.120 / .040 / .028
Operate time, max. (ms)			
DC Non-latch	10	15	15
DC Latch	10	15	15
AC coil	15	20	20
Release time, max. (ms)			
DC Non-latch	10	15	15
AC coil	50	50	50
Bounce time max (ms)	1.0	1.0	1.0
Environmental data			
Temperature range	-70°C - 125°C	-70°C - 125°C	-70°C - 125°C
Mechanical data			
Weight, max	40 g	77 g	85 g
Dimensions, max (in)	1.025*0.525*1.125	1.025*0.025*1.01	1.025*1.025*1.01

