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PHOTO EDMOS RELAYS

ISV 210, 214, 215, 217, 414

ISW 210, 214, 215, 217, 414

[Circuits](#)


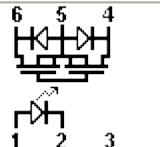
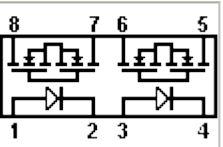
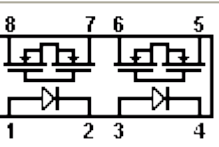
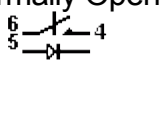
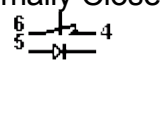
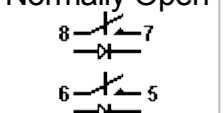
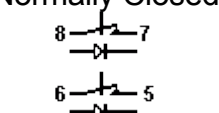
[Characteristics](#)

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Circuits

Part	ISV210,214 ISV215,217	ISV414	ISW210,214 ISW215,217	ISW414
Circuit				
Contact Form	1 Form A Normally Open 	1 Form B Normally Closed 	Dual 1 Form A Normally Open 	Dual 1 Form B Normally Closed 

Surface Mount Option Available.

Characteristics

Product Type: General DIP Type
 Load Type: AC/DC Load
 Package: 8 Pin DIP

Total Power Dissipation: 550 mW
 Isolation Voltage: 3750 Vac
 Operation Temperature: - 40°C to +85°C
 Storage Temperature: -40°C to +100°C

Input

Continuous Forward Current: 50 mA
 Reverse Voltage: 3 V
 Peak Forward Current: 1 A
 Power Dissipation: 75 mW
 Operation Input Current: 5 mA
 Recovery Input Current: 0.4 mA
 Forward Voltage: 1.8 V

Output

Power Dissipation: 500 mW
 Off-State Leakage Current: 10 µA Max

		ISV/ISW					
PARAMETER		215	217	210	214	414	UNIT
Load Volt AC/DC		100	200	350	400	400	V
Load Current		0.35	0.18	0.15	0.13	0.13	A
Surge Load Current		1	0.6	0.4	0.3	0.3	A
On Resistance	TYP	3	11	23	30	50	ohm
	MAX	4	16	35	50	60	ohm
Output Terminal Capacitance		110	70	50	50	50	pF
Turn-On time	TYP	0.6		0.7		0.8	ms
	MAX	1		1		1.5	ms
Turn Off time	TYP	0.8			0.7		ms
	MAX	1.5			1		ms

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