

280 VOLT DUAL SOLID STATE RELAYS



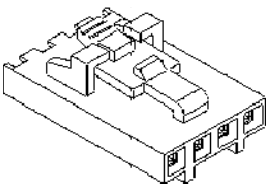
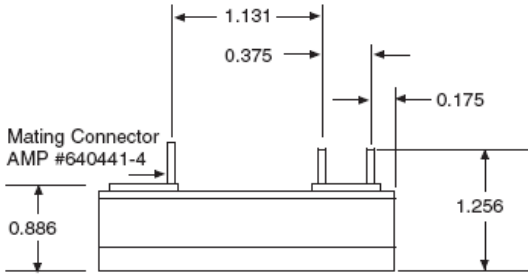
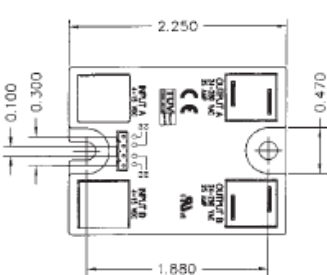
- 40 amp dual AC output relays
- Output voltage from 24 to 280 Vac
- Direct bond copper substrate
- Back to back dual SCR output
- 4000 Vac optical isolation
- Zero crossing or random turn on
- UL/cUL Recognized, CE Compliant



Obsolete

Output Specifications		
Voltage range (Vrms)	24-280Vac	
Peak Voltage (Vpk , t = 1 min.)	550	
Off-state leakage mArms	0.1	
(@ max. line voltage & Ta = 25°C)		
Output Current (Mounted on proper heat sink, see deratings)	25	40
Minimum Current (mArms)	100	100
1 cycle surge current 50-60 Hz (Apk, Ta = 25°C)	275-300	710-750
1 second surge current 50/60 Hz (Apk, Ta = 25°C)	85	150
Forward voltage drop (Vpk @ Imax, Ta = 25°C)	1.4	1.3
I ² T (50-60Hz, ½ cycle)	380-370	2520-2320
Rjb (thermal res. Junction to baseplate, °C/W)	0.6	0.4
Static off-state dv/dt (Vµs, Ta = 25°C)	500	500
Input Specifications		
Input voltage	4-15Vdc	17-32Vdc
Drop out voltage	1Vdc	1Vdc
Min. input current (for on-state)	7.5mA	13mA
Maximum input current	34mA	24mA
Input Resistance (Ohms)	500	1500
Turn-on time*	8.33msec	8.33msec
Turn-off time	8.33msec	8.33msec
* Random SSR's turn on in less than 100µs		
General Characteristics		
Operating Temperature (°C)	-40 to + 80	
Storage Temperature (°C)	-40 to + 100	
Input to output isolation	4000Vrms	
Input/output to ground isolation	2500Vrms	
Input to output capacitance	8pF (typical)	
Operating Frequency	47 to 63 Hz	
Housing Material	UL 94V0 (self extinguishing)	
Standards of Compliance		
CE Compliant with the LVD 73/23/EEC		
UL / cUL Recognized per UL 508 and CSA C22.2 no. 14-M91		

Part Numbers			1/4" Quick Connect	
QC, Standard Input Pins	Zero Crossing Output			
	Rating	Output	Input	Part Number
	25 Amp	24-280Vac	4-15Vdc	84140000
	25 Amp	24-280Vac	17-32Vdc	84140010
	40 Amp	24-280Vac	4-15Vdc	84140200
	40 Amp	24-280Vac	17-32Vdc	84140210
	Random Fire Output			
	Rating	Output	Input	Part Number
	25 Amp	24-280Vac	4-15Vdc	84140100
	25 Amp	24-280Vac	17-32Vdc	84140110
	40 Amp	24-280Vac	4-15Vdc	84140300
40 Amp	24-280Vac	17-32Vdc	84140310	
Part Numbers			Locking Connector	
QC, Mated/Locking Input	Zero Crossing Output			
	Rating	Output	Input	Part Number
	25 Amp	24-280Vac	4-15Vdc	84140800
	25 Amp	24-280Vac	17-32Vdc	84140810
	40 Amp	24-280Vac	4-15Vdc	84140900
	40 Amp	24-280Vac	17-32Vdc	84140910
	Random Fire Output			
	Rating	Output	Input	Part Number
	25 Amp	24-280Vac	4-15Vdc	84140801
	25 Amp	24-280Vac	17-32Vdc	84140811
	40 Amp	24-280Vac	4-15Vdc	84140901
40 Amp	24-280Vac	17-32Vdc	84140911	
Mating Connector: Molex # 14-56-2042				
Part Numbers			Screw Terminals	
Standard Input Pins	Zero Crossing Output			
	Rating	Output	Input	Part Number
	25 Amp	24-280Vac	4-15Vdc	84140003
	25 Amp	24-280Vac	17-32Vdc	84140013
	40 Amp	24-280Vac	4-15Vdc	84140203
	40 Amp	24-280Vac	17-32Vdc	84140213
	Random Fire Output			
	Rating	Output	Input	Part Number
	25 Amp	24-280Vac	4-15Vdc	84140103
	25 Amp	24-280Vac	17-32Vdc	84140113
	40 Amp	24-280Vac	4-15Vdc	84140303
40 Amp	24-280Vac	17-32Vdc	84140313	



Mating Connector for 841408xxx and 841409xxx
Molex # 50-57-9404 without pins
Crimp Pins Molex # 16-02-0103

660 VOLT DUAL SOLID STATE RELAYS



- 40 amp dual AC output relays
- Output voltage from 48 to 660 Vac
- Direct bond copper substrate
- Back to back dual SCR output
- 4000 Vac optical isolation
- Zero crossing or random turn on
- UL/cUL Recognized, CE Compliant



Obsolete

Output Specifications

Voltage range (Vrms)		48-660Vac
Peak Voltage (Vpk , t = 1 min.)		1000
Off-state leakage mArms		0.25
(@ max. line voltage & Ta = 25°C)		
Output Current (Mounted on proper heat sink, see deratings)	25	40
Minimum Current (mArms)	100	100
1 cycle surge current 50-60 Hz (Apk, Ta = 25°C)	275-300	710-750
1 second surge current 50/60 Hz (Apk, Ta = 25°C)	85	150
Forward voltage drop (Vpk @ Imax, Ta = 25°C)	1.4	1.3
I ² T (50-60Hz, ½ cycle)	380-370	2520-2320
Rjb (thermal res. Junction to baseplate, °C/W)	0.6	0.4
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Input Specifications

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Input voltage	4-15Vdc	17-32Vdc
Drop out voltage	1Vdc	1Vdc
Min. input current (for on-state)	7.5mA	13mA
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Input Resistance (Ohms)	500	1500
Turn-on time*	8.33msec	8.33msec
Turn-off time	8.33msec	8.33msec

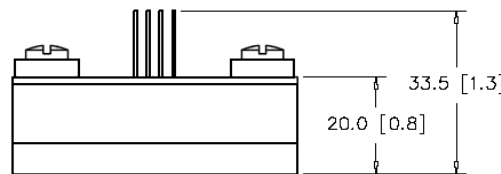
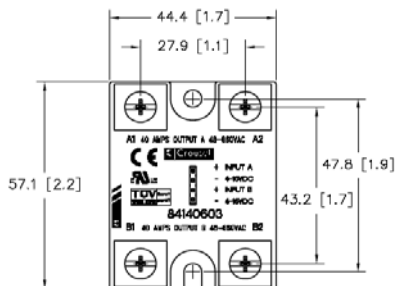
* Random SSR's turn on in less than 100µs

General Characteristics

Operating Temperature (°C)	-40 to + 80
Storage Temperature (°C)	-40 to + 100
Input to output isolation	4000Vrms
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Input to output capacitance	8pF (typical)
Operating Frequency	47 to 63 Hz
Housing Material	UL 94V0 (self extinguishing)

Standards of Compliance

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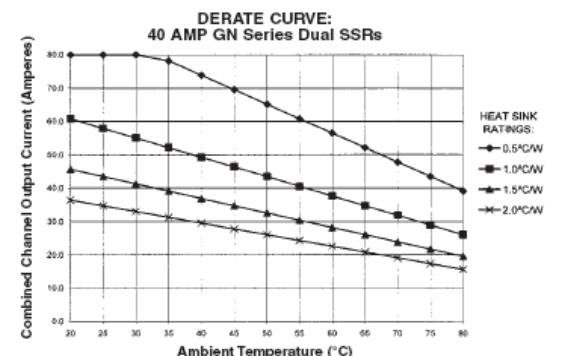
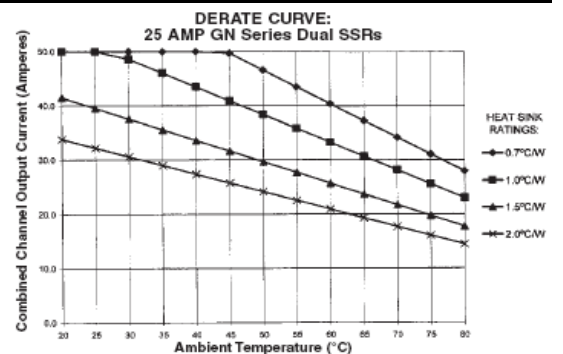


Part Numbers 1/4" Quick Connect

QC, Standard Input Pins	Zero Crossing Output			
	Rating	Output	Input	Part Number
	25 Amp	48-660Vac	4-15Vdc	84140500
	25 Amp	48-660Vac	17-32Vdc	84140510
	40 Amp	48-660Vac	4-15Vdc	84140600
	40 Amp	48-660Vac	17-32Vdc	84140610
	Random Fire Output			
	Rating	Output	Input	Part Number
	25 Amp	48-660Vac	4-15Vdc	84140501
	25 Amp	48-660Vac	17-32Vdc	84140511

Part Numbers Screw Terminals

Standard Input Pins	Zero Crossing Output			
	Rating	Output	Input	Part Number
	25 Amp	48-660Vac	4-15Vdc	84140503
	25 Amp	48-660Vac	17-32Vdc	84140513
	40 Amp	48-660Vac	4-15Vdc	84140603
	40 Amp	48-660Vac	17-32Vdc	84140613
	Random Fire Output			
	Rating	Output	Input	Part Number
	25 Amp	48-660Vac	4-15Vdc	84140530
	25 Amp	48-660Vac	17-32Vdc	84140531



Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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