

Dual Output Solid-State Relays



- True 25A or 40A per channel rating
- Dual input channels for independent output operation
- DBC substrate for superior I²T & thermal performance
- Internal transient protection eliminates the need for external MOV Available with 1/4" QC or saddle-clamp terminals
- UL / CSA / TUV approved, CE compliant (LVD), RoHS

Crouzet's dual Solid-State Relays perfectly complement the standard single-phase Solid-State Relays line (GN series). Each relay has two outputs controlled by two independent inputs. This allows engineers using multiple Solid-State Relays in a panel to save space in some applications, while maintaining the same number of poles for switching their loads.

As with the other range of products in the offering, the dual Solid-State Relays utilize a DBC substrate and a bussed power lead-frame, and come equipped with internal transient protection.

Available with either a 25A or 40A output (50A & 80A total package, respectively) @ 240Vac or 660Vac. Additional options include either QC or saddle-clamp output terminals, with either a standard four-pin input or keyed locking connector.



- Warehouse light dimming

Dual Solid-State Relays, Four-Pin Input / 1/4" QC Output Terminals

	Output Type	Load Current (Arms)	Line Voltage (Vrms)	Control Voltage (Vdc)	Control Current @ 5Vdc (mA)	I ² T (60 Hz, 1/2 Cycle) A ² S
84140000	Zero-Cross	25	24-280	4-15	34	1.250
84140100	Random	25	24-280	4-15	34	1.250
84140010	Zero-Cross	25	24-280	17-32	24	1.250
84140200	Zero-Cross	40	24-280	4-15	34	2.435
84140300	Random	40	24-280	4-15	34	2.435
84140210	Zero-Cross	40	24-280	17-32	24	2.435
84140500	Zero-Cross	25	48-660	4-15	34	1.250
84140501	Random	25	48-660	4-15	34	1.250
84140510	Zero-Cross	25	48-660	17-32	24	1.250
84140600	Zero-Cross	40	48-660	4-15	34	2.435
84140601	Random	40	48-660	4-15	34	2.435
84140610	Zero-Cross	40	48-660	17-32	24	2.435

Dual Solid-State Relays, Keyed/Locking Input / 1/4" QC Output Terminals

	Output Type	Load Current (Arms)	Line Voltage (Vrms)	Control Voltage (Vdc)	Control Current @ 5Vdc (mA)	I ² T (60 Hz, 1/2 Cycle) A ² S
84140800	Zero-Cross	25	24-280	4-15	34	1.250
84140801	Random	25	24-280	4-15	34	1.250
84140810	Zero-Cross	25	24-280	17-32	24	1.250
84140900	Zero-Cross	40	24-280	4-15	34	2.435
84140901	Random	40	24-280	4-15	34	2.435
84140910	Zero-Cross	40	24-280	17-32	24	2.435

Dual Solid-State Relays, Four-Pin Input / Saddle-Clamp Output Terminals

	Output Type	Load Current (Arms)	Line Voltage (Vrms)	Control Voltage (Vdc)	Control Current @ 5Vdc (mA)	I ² T (60 Hz, 1/2 Cycle) A ² S
84140003	Zero-Cross	25	24-280	4-15	34	1.250
84140103	Random	25	24-280	4-15	34	1.250
84140013	Zero-Cross	25	24-280	17-32	24	1.250
84140203	Zero-Cross	40	24-280	4-15	34	2.435
84140303	Random	40	24-280	4-15	34	2.435
84140213	Zero-Cross	40	24-280	17-32	24	2.435
84140503	Zero-Cross	25	48-660	4-15	34	1.250
84140530	Random	25	48-660	4-15	34	1.250
84140513	Zero-Cross	25	48-660	17-32	24	1.250
84140603	Zero-Cross	40	48-660	4-15	34	2.435
84140630	Random	40	48-660	4-15	34	2.435
84140613	Zero-Cross	40	48-660	17-32	24	2.435

NOTE: Contact factory for specific NEC 409 / UL508A Short-Circuit Current Ratings