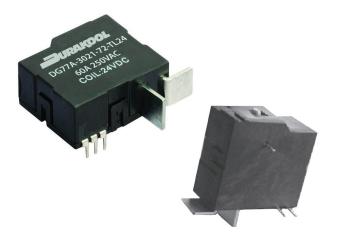


NOT FOR NEW DESIGN



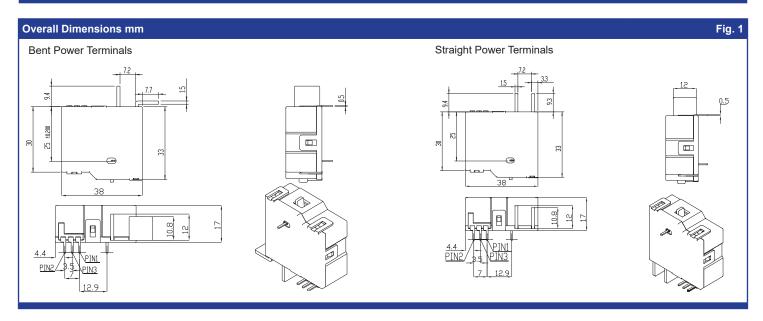
- Up to 60A / 250VAC Continuous rating
- Single coil & twin coil latching
- Utility meters
- Automotive / Electric vehicle battery

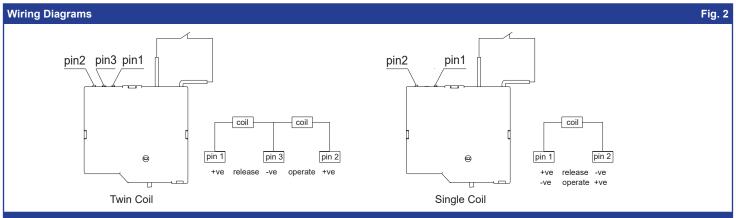
				RoHS Compliant		
Contacts			Ordering Code			
Contact arrangement		SPST-NO (1 NO)				
Contact material		AgSnO ₂	D G 7 7 A - 3 0 2 1 -	7 2 - T L 2 4 -		
Max. switching voltage		250VAC / 20VDC				
Min. switching current / voltage		500mA/12VDC	Series	Coil code:		
Max. continuous current		60A		See table 1		
Max. switching current		60A	Contact rating			
Max. switching power		60A: 15000VA / 1680W	A: 60A			
Initial resistance		≤ 100mΩ, max. at 0.1A/6VDC				
Coil						
Rated voltage		948VDC	Contact material			
Operating range of supply voltage		See table 1	30: AgSnO ₂			
Rated power consumption	single coil	60A: 1.2W				
Rated power consumption	twin coil	60A: 2.4W	Contact arrangement			
Insulation (EN 60664-1)			21: SPST-NO (1NO)*			
Insulation resistance		>1000MΩ at 500VDC, 50%RH	31: SPST-NC (1NC)*	31: SPST-NC (1NC)*		
Dielectric strength	coil to contact	4000Vrms, 1min (50Hz)	* As delivered condition			
betw	een open contacts	1500Vrms, 1min (50Hz)				
Cree	epage & Clearance	8mm	Environmental protection	Environmental protection		
General Data			7: Covered, dust cover			
Operating time	max.	20ms				
Release time	max.	20ms	Mounting & terminations*	Mounting & terminations*		
Electrical life (resistive)	ops.	1 x 10 ⁴	1: PCB coil terminals + weld term	PCB coil terminals + weld terminals for contacts		
Mechanical life	ops.	1 x 10 ⁶	Straight power terminals	Straight power terminals		
Environmental			2: PCB coil terminals + weld term	inals for contacts		
Ambient temperature	operating	-40 to 70°C (Class F)	Bent power terminals	Bent power terminals		
	storage	-40 to 70°C	* Terminals are highly customizab	* Terminals are highly customizable.		
Humidity		98%RH, 40°C	Please contact factory.	Please contact factory.		
Shock resistance	functional	100m/s ² 11ms				
	destructive	1000m/s ²	<u>Options</u>			
Vibration resistance		DA 1.5mm 10-55Hz	Blank: Standard	Blank: Standard		
Dimensions	LxWxH	38.6 x 33 x 17mm	P***: Custom (*** = unique iden	P*** : Custom (*** = unique identifier)		
Weight	approx.	≤ 45g				

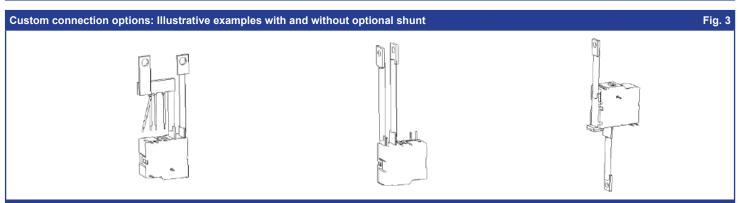
Specifications are subject to change without notice. E&OE.



DC Coil Data Table 1										
Coil voltage code		Nominal voltage	Coil resistance (Ω) ±10%		Must operate	Recommended				
Single coil	Twin coil*	(VDC)	Single coil (1.5W)	Twin coil* (3.0W)	voltage (VDC)	operate pulse length				
SL09	TL09	9	54	27.0 to 27.0	≥ 6.75	- 50ms				
SL12	TL12	12	96	48.0 + 48.0	≥ 9					
SL24	TL24	24	384	192 + 192	≥ 18					
SL48	TL48	48	1536	768 + 768	≥ 36					
* NB: Latch & Reset coils must not be powered simultaneously.										







1) All parameters, unless otherwise specified, are measured at an ambient temperature of 23°C.

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