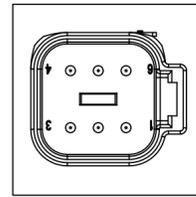


PIN-OUT



TYCO 6 position connector PN.: DTF13-6P

Pin assignment		
Pin	Description	Function
1	Drain	Power input
2	Drain	Power input
3	Gate	Activation
4	Gnd	Ground
5	Source	Power output
6	Source	Power output

TECHNICAL SPECIFICATIONS

Nominal voltage: 12V dc
 Working voltage: 9 ... 16 V dc
 Nominal current @23°C- 87: 15A (12V)
 Max output current @23°C - 87: 25A (≤10")
 Max output current @85°C - 87: 20A (≤10")
 Max PWM frequency :200Hz

If shutdown due overtemperature, overload or shortcircuit, the device must be retriggered
 Ingress protection: IP68

Operating temperature: -40°C...+85°C
 TYCO 6 position connector PN.:DTP13-6P

Damp Heat Test:According to IEC 60068-2-30 (T_H:+55°C / T_L:23°C)
 Temperature and Humidity Test:According to IEC 60068-2-38
 Temperature Cycling Test:According to IEC 60068-2-14
 Vibration Test: 10-40Hz - 1mm p-p
 40-200Hz - 58,8 m/s²

ELECTRIC DIAGRAM

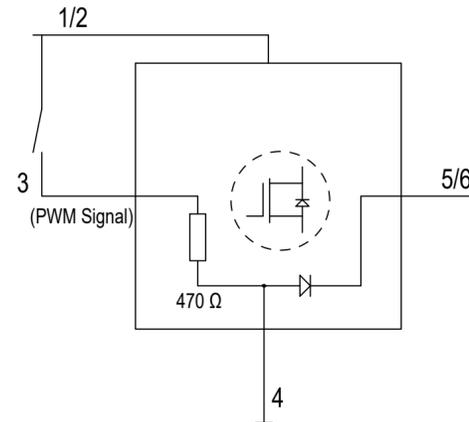
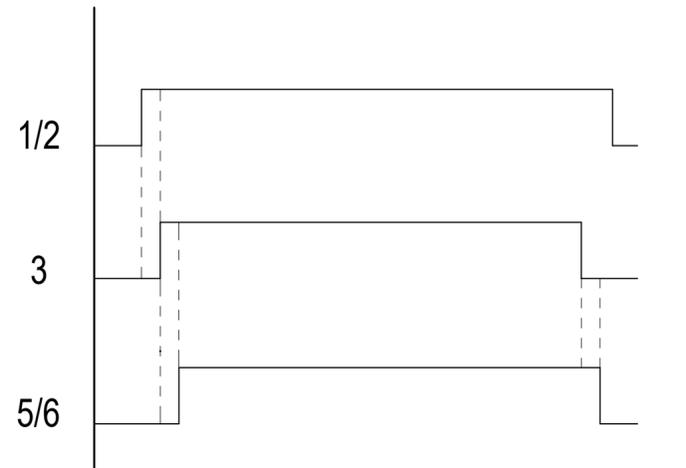
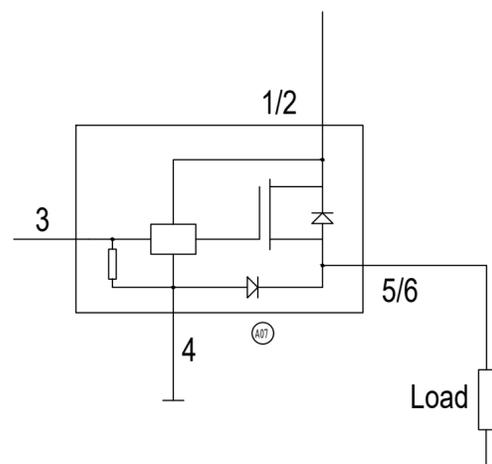


Diagram1



Rev. Level	Date	Name	Description	Approved
03	29/03/2022	C.V.P.	Added hint for PWM signal on pin 3	L.G.A.
02	14/10/2021	C.V.P.	General update	L.G.A.
01	25/01/2022	C.V.P.	New drawing	L.G.A.

Part number:		084200		Customer part number:	
Part Description:		SOLID STATE RELAY (SSR) 12V 15A		Customer part description:	
Drawn:	Date:	Scale:	Mass:	Drawing number:	Revision level:
C.V.P.	25/01/22	1:1		8196	03
Approved:	Date:	Drawing size:	Projection:	General tolerances:	Color:
L.G.A.	25/01/22	A2		± 1mm	Black
				Housing:	PA6.6 + 30%GF -V0
				Connector:	
				Terminals:	
				Bracket:	

