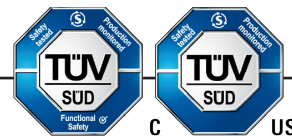


## Operating Instructions: Self Wire Connector



Base Elements

Description	TW1, TW3, TW4
<p><b>Self Wire Connector</b></p> <ul style="list-style-type: none"> <li>• For applications where the customer wishes to make their own connections.</li> <li>• Push fit terminals.</li> <li>• Cable size 26-14 AWG.</li> <li>• Available with 12 or 24 connections.</li> <li>• Control only and Safety and Control versions available.</li> <li>• M20 gland thread.</li> <li>• Requires no additional mounting to frame.</li> <li>• Self Wire Lid secured by x 4 screws (Screwdriver bit supplied).</li> </ul>	

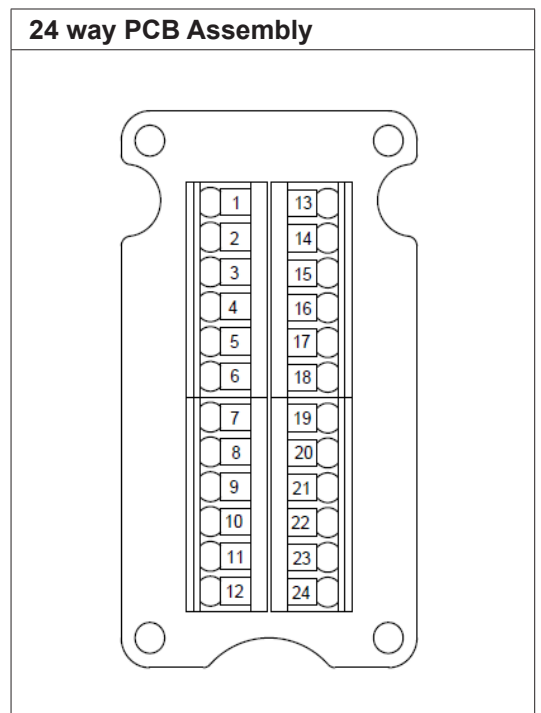
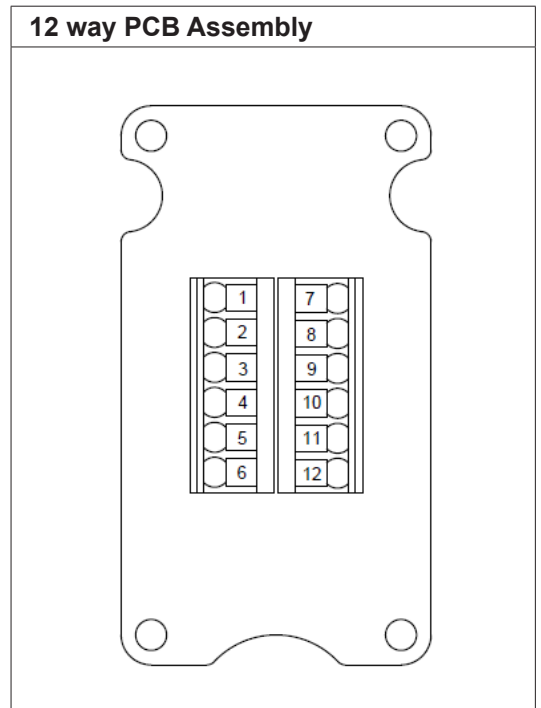
<b>tGard Self Wire Connector Technical Specifications</b>	
Housing Materials	Painted die cast aluminium
Colour	Dark Grey
Ambient Temperature	-25°C to 40°C (-13°F to 104°F)
Environment	Indoor use only
Ingress Protection	IP65*
Voltage	24V DC
Maximum current on power supply	0.7A
*IP protection is to the tGard stack that this module attaches to, when correctly fitted according to installation and maintenance instructions.	

<b>tGard Self Wire Connector Safety Functions</b>		<b>Part No.</b>
Safety Function 1	Provides electrical safety output	TW1 / TW3 / TW4

<b>tGard Self Wire Connector Part Number Options</b>	
Description	Part No.
12 Terminals - Safety & Control	TW1
24 Terminals - Dual Safety & Control	TW3
24 Terminals - Triple Safety & Control	TW4

# Operating Instructions: Self Wire Connector

Pins				
Part No.	TW1	TW3	TW4	Pin Assignments
Number of Pins	12 + Earth	24 + Earth	24 + Earth	
# of Safety Circuits	2	4	6	
# of Control I/O	6	14	10	
	+ 24V	+ 24V	+ 24V	1
	0 V	0 V	0 V	2
	SC1	SC1	SC1	3
	SC2	SC2	SC2	4
	SC1	SC1	SC1	5
	SC2	SC2	SC2	6
	I/O 0	I/O 0	I/O 0	7
	I/O 1	I/O 1	I/O 1	8
	I/O 2	I/O 2	I/O 2	9
	I/O 3	I/O 3	I/O 3	10
	I/O 4	I/O 4	I/O 4	11
	I/O 5	I/O 5	I/O 5	12
		I/O 6	I/O 6	13
		I/O 7	I/O 7	14
		I/O 8	I/O 8	15
		I/O 9	I/O 9	16
		I/O 10	SC5	17
		I/O 11	SC6	18
		I/O 12	SC5	19
		I/O 13	SC6	20
		SC3	SC3	21
		SC4	SC4	22
		SC3	SC3	23
		SC4	SC4	24
	Earth		Earth	



# Operating Instructions: Self Wire Connector

Figure 1: Dimensional Drawing - TW1, 3 & 4

