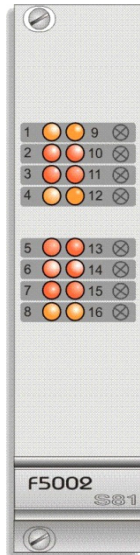


F5002 16-Control Channel Card With Open Collector Outputs

The card has 16 non-monitored 250-mA outputs. It is widely used for controls and direct hardwiring or in conjunction with a 16-relay card (S81-T8007-2).



Main Characteristics

- Can be paired with T8007-2 relay card, with contacts free of tension
- Can be paired with the CCT1 plug cable to supply 16 open collector outputs allowed to manage LEDs and non-monitored loads
- Non-redundant
- Hot-swap
- 250 mA per output
- Software-configurable operating mode
- Communication management by FPGA
- Internal logic management by micro-controller
- SMD technology multilayer circuit
- Front plug-in on 19" rack, with locking screws

LED Indication on Cards

Status	Outputs 1-8
	Red LED
Channel in normal condition	–
Channel activated	⊗
<i>LED status legend</i>	⊗ = on – = off

Operation

This card effects status and functionality checks, but does not monitor the control channels.

Parameter Configuration Via Software

Parameter	
Activation mode	<ul style="list-style-type: none"> •Steady, normally energized •Steady, normally de-energized •Periodical •Pulsing mode 1 •Pulsing mode 2 •Delayed after activation •Delayed after de-activation •Delayed after enabling •ISA Logic 1A
Period	1 to 255 seconds, in pulsing and periodical mode only
Type of output	normal or sounder

Connection Via Relay Card


The card F5002 can be connected to a 16 relay card T8007-2 through the CCT1 connector wired to terminals BR5 or directly with flat cable connected on J1.

Connection Via Cable Plug S81-CCT1

Connection between the card and the field is carried out by means of a wired cable, provided with a plug-in connector connected at the end of the backplane E2001.

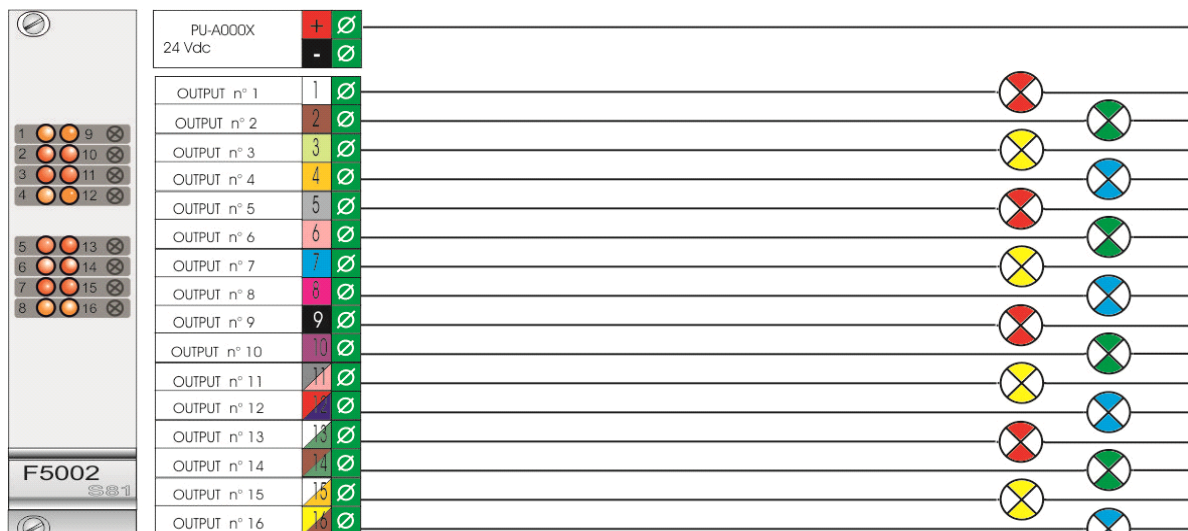
Cable conductors are wired directly onto a marshaling terminal block, while the connector is plugged into the backside of the rack

Function		Connection with PLUG CABLE	
Command line 1	-	1	White
Command line 2	-	2	Brown
Command line 3	-	3	Green
Command line 4	-	4	Yellow
Command line 5	-	5	Grey
Command line 6	-	6	Pink
Command line 7	-	7	Blue
Command line 8	-	8	Red
Command line 9	-	9	Black
Command line 10	-	10	Purple
Command line 11	-	11	Grey/Pink
Command line 12	-	12	Red/Blue
Command line 13	-	13	White/Green
Command line 14	-	14	Brown/Green
Command line 15	-	15	White/Yellow
Command line 16	-	16	Yellow/Brown
Command line 16	+		



CCT1

Connection Example of Actuators That Do Not Require Monitoring



NOTE: The card can be removed and replaced without switching off the panel.