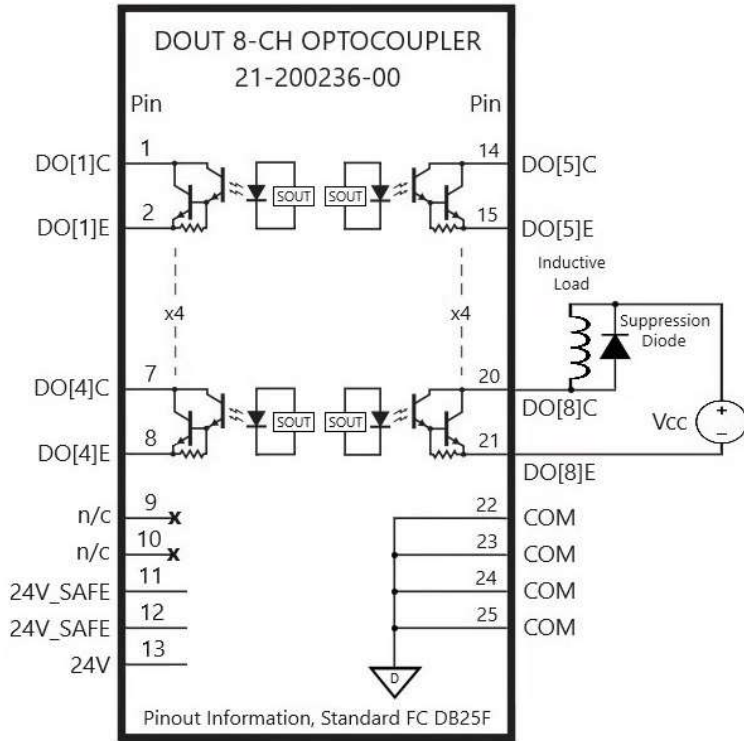




### Description

The Optocoupler Digital Output slot card has eight optically isolated, Darlington output channels where both sides of each output (collector and emitter) are available to the user. The maximum channel current is 150mA and the maximum allowed voltage across the output is 60V. Isolation voltage is nominally 3kV, however FieldConnect board design and layout may reduce this value. A suppression diode is required when switching inductive loads.



### Specifications

#### Electrical

Slot Card Type	Digital Output
No. of channels	8
Output type	Optocoupler
Input Voltage Range	<60V
Rise Time	<500us
Fall Time	<100us
Turn-on Time	<50us
Turn-Off Time	<15us
Max current ON per channel (@24V)	150mA
Max Voltage Drop @ 150mA	1.2V
Power consumption	0.05W
Output Update Rate	8 kHz

#### Mechanical

Dimensions	98 x 45 mm
Weight	21 g

#### Environmental

Operating temp	0°C to 55°C
Storage temp	-40°C to 85°C
Relative Humidity, operating	10% to 90%, non-condensing

Pinout Information, Standard FC			
DSUB pin	Function	DSUB pin	Function
1	DO OPTO[1]C	14	DO OPTO[5]C
2	DO OPTO[1]E	15	DO OPTO[5]E
3	DO OPTO[2]C	16	DO OPTO[6]C
4	DO OPTO[2]E	17	DO OPTO[6]E
5	DO OPTO[3]C	18	DO OPTO[7]C
6	DO OPTO[3]E	19	DO OPTO[7]E
7	DO OPTO[4]C	20	DO OPTO[8]C
8	DO OPTO[4]E	21	DO OPTO[8]E
9	n/c	22	COM
10	n/c	23	COM
11	24V_SAFE	24	COM
12	24V_SAFE	25	COM
13	24V		

