

# **E-SU2200/02 - NIR Retro-Reflective Photoeye (NIR)**

## **\* AS A SAFETY DEVICE \***

### **Version BEN Series**

1. Connect **GRAY** wire on the photo eye to one of the opening safety terminal (**FSW OP**) or closing safety terminal (**FSW CL**) or **both** on terminal block CN4. See charts below to see results of using a safety device in in those terminals and in different logics.
2. Connect **WHITE** wire on the NIR to **Terminal COM** on terminal block CN4.
3. Connect **Brown** wire on the NIR to **Terminal 24V-** on terminal block CN1.
4. Connect **BLUE** wire on the NIR to **Terminal 24V+** on terminal block CN1.

**BLACK** wire is not used.

<b>Auto Close ON / C=1</b>		Below is a description of what the gate will do when the safety device is triggered during different phases of the gates cycle.	
<b>Gate Status</b>	Device in FSW OP	Device in FSW CL	Device in both
Closed	Disables opening	N/A	Disables Opening
Open	N/A	Locks pause time	Locks pause time
Closing	N/A	Reverses motion	Stops/reverses
Opening	Stops/resumes	N/A	Stops/resumes

<b>Auto Close OFF / C=0</b>		Below is a description of what the gate will do when the safety device is triggered during different phases of the gates cycle.	
<b>Gate Status</b>	Device in FSW OP	Device in FSW CL	Device in both
Closed	Disables opening	N/A	Disables Opening
Open	N/A	Disables closing	Disables closing
Closing	N/A	Reverses motion	Stops/reverses
Opening	Stops/resumes	N/A	Stops/resumes

# **E-SU2200/02 - NIR Retro-Reflective Photoeye (NIR)**

## **\*AS AN OPENING DEVICE\***

### ***Version BEN Series***

1. Connect **BLACK** wire on the NIR to **Terminal OPEN A** on terminal block CN4.
2. Connect **WHITE** wire on the NIR to **Terminal COM** on terminal block CN4.
3. Connect **BROWN** wire on the NIR to **Terminal 24V-** on terminal block CN1.
4. Connect **BLUE** wire on the NIR to **Terminal 24V+** on terminal block CN1.
5. Change your parameters to **C1, D0, E1**. They must be set this way to work with the photo eye properly.

**GRAY** wire is not used.