

FM500/02 - NIR Retro-Reflective Photoeye (NIR)

AS A SAFETY DEVICE

Version BEN Series

1. Connect **BLACK** wire from the NIR to **Terminal SAFETY**.
2. Connect **WHITE** wire on the NIR to **Terminal COMMON**.
3. Connect **Brown** wire on the NIR to the right hand **18VAC** terminal (*with the transformer wire*).
4. Connect **BLUE** wire on the NIR to left hand **18VAC** terminal (*with the transformer wire*).

GRAY wire is not used.

If using solar:

Connect **Brown** wire on the NIR to the negative of the battery.

Connect **BLUE** wire on the NIR to the positive of the battery.

FM500/02 - NIR Retro-Reflective Photoeye (NIR)

AS AN OPENING DEVICE

Version BEN Series

1. Connect **BLACK** wire on the NIR to **Terminal EXIT OPEN**.
2. Connect **WHITE** wire on the NIR to **Terminal COMMON**.
3. Connect **Brown** wire on the NIR to the right hand **18VAC** terminal (*with the transformer wire*).
4. Connect **BLUE** wire on the NIR to left hand **18VAC** terminal (*with the transformer wire*).

GRAY wire is not used.

If using solar:

Connect **Brown** wire on the NIR to the negative of the battery.

Connect **BLUE** wire on the NIR to the positive of the battery.