

# Série TX HMI / PLC

## Module plug-in

### 8 DI, 6 DO, 1 sortie par relais

#### TX-IO-DX06



- Module d'extension plug-in pour l'utilisation avec des HMI de la famille de produit TX500 et TX700
- module E/S
- 8 entrées numériques, 24 VDC, pnp
- 6 sorties numériques, 24 VDC, 0,5 A., pnp
- 1 relais, N.O.

|                     |            |
|---------------------|------------|
| Type                | TX-IO-DX06 |
| N° d'identification | 6828203    |

|  |   |
|--|---|
| Données de système                               |   |
| Tension d'alimentation                           | 24 VDC                                    |
| Plage admissible                                 | 12 ... 30 VDC                             |
| Alimentation du système                          | Depuis l'IHM                              |
| Technique de connexion - alimentation en tension | Barrette de borniers à ressort enfichable |
| Isolation  | optique, 1500 V <sub>ms</sub>             |

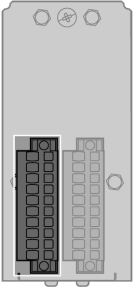
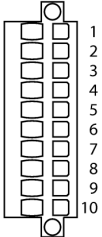
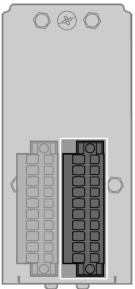
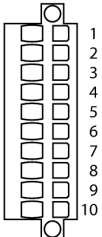
|                                   |  |
|-----------------------------------|--|
| Entrées digitales                 |  |
| Nombre de canaux                  | 8  |
| Technique de raccordement, entrée | 1 barrette de borniers à ressort enfichable<br>10 pôles, pas de 3,5 mm<br>(Weidmueller - Omnimate BLZF 3.5/180F) |
| Type d'entrée                     | PNP  |
| Tension de signal - niveau bas    | <6 V   |
| Tension de signal - niveau élevé  | >12 V  |
| Courant de signal - niveau bas    | <1 mA  |
| Courant de signal - niveau élevé  | >3 mA  |
| Retard à l'entrée                 | < 0,05 ms  |
| Alimentation de détecteur         | 24 VDC   |
| Isolation                         | 1500 V <sub>ms</sub>   |

| Sorties digitales                     |  |
|---------------------------------------|--|
| Nombre de canaux                      | 6 DO + 1 relais  |
| Technique de raccordement, sortie     | 1 barrette de borniers à ressort enfichable<br>10 pôles, pas de 3,5 mm<br>(Weidmueller - Omnimate BLZF 3.5 / 180F) |
| Type de sortie                        | PNP et relais  |
| Tension de sortie                     | 24 VDC   |
| Courant de sortie par canal           | 0.5 A  |
| Facteur de simultanéité               | 00:46  |
| Retard à la sortie                    | 0.15 ms  |
| Protection contre les courts-circuits | oui  |
| Alimentation d'actuateur              | 24 VDC, alimentation externe   |
| Isolation                             | 1500 V <sub>ms</sub>   |

| Conformité de normes/de directives |                   |
|------------------------------------|-------------------|
| Homologations et certificats       | CE, cULus, DNV-GL |

| Données de système      |                                   |
|-------------------------|-----------------------------------|
| Dimensions (L x H x P)  | 41.2 x 89.3 x 33.7 mm             |
| Température ambiante    | 0...+50 °C                        |
| Température de stockage | -20...+70 °C                      |
| Humidité relative       | 5.....85 %, non condensant        |
| Mode de protection      | IP20                              |
| Matériau de boîtier     | métal                             |
| Couleur de boîtier      | argent                            |
| Montage                 | sur HMI des séries TX500 et TX700 |

## connectique et configuration des broches

|   |  |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
|---|--|---|---|----------------|---|------------|---|------------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|----|-------------|
|  | <p><b>Sorties numériques et relais</b></p> | <p><b>Configuration des broches CN1</b></p>  <table border="0"> <tr><td>1</td><td>1 = + 24VDC in</td></tr> <tr><td>2</td><td>2 = Relais</td></tr> <tr><td>3</td><td>3 = Relais</td></tr> <tr><td>4</td><td>4 = Out 1</td></tr> <tr><td>5</td><td>5 = Out 2</td></tr> <tr><td>6</td><td>6 = Out 3</td></tr> <tr><td>7</td><td>7 = Out 4</td></tr> <tr><td>8</td><td>8 = Out 5</td></tr> <tr><td>9</td><td>9 = Out 6</td></tr> <tr><td>10</td><td>10 = GND in</td></tr> </table> | 1 | 1 = + 24VDC in | 2 | 2 = Relais | 3 | 3 = Relais | 4 | 4 = Out 1 | 5 | 5 = Out 2 | 6 | 6 = Out 3 | 7 | 7 = Out 4 | 8 | 8 = Out 5 | 9 | 9 = Out 6 | 10 | 10 = GND in |
| 1   | 1 = + 24VDC in                             |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 2   | 2 = Relais                                 |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 3   | 3 = Relais                                 |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 4   | 4 = Out 1                                  |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 5   | 5 = Out 2                                  |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 6   | 6 = Out 3                                  |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 7   | 7 = Out 4                                  |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 8   | 8 = Out 5                                  |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 9   | 9 = Out 6                                  |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 10  | 10 = GND in                                |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
|  | <p><b>Entrées digitales</b></p>            | <p><b>Configuration des broches CN2</b></p>  <table border="0"> <tr><td>1</td><td>1 = + 24VDC in</td></tr> <tr><td>2</td><td>2 = In 1</td></tr> <tr><td>3</td><td>3 = In 2</td></tr> <tr><td>4</td><td>4 = In 3</td></tr> <tr><td>5</td><td>5 = In 4</td></tr> <tr><td>6</td><td>6 = In 5</td></tr> <tr><td>7</td><td>7 = In 6</td></tr> <tr><td>8</td><td>8 = In 7</td></tr> <tr><td>9</td><td>9 = In 8</td></tr> <tr><td>10</td><td>10 = GND in</td></tr> </table>           | 1 | 1 = + 24VDC in | 2 | 2 = In 1   | 3 | 3 = In 2   | 4 | 4 = In 3  | 5 | 5 = In 4  | 6 | 6 = In 5  | 7 | 7 = In 6  | 8 | 8 = In 7  | 9 | 9 = In 8  | 10 | 10 = GND in |
| 1   | 1 = + 24VDC in                             |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 2   | 2 = In 1                                   |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 3   | 3 = In 2                                   |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 4   | 4 = In 3                                   |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 5   | 5 = In 4                                   |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 6   | 6 = In 5                                   |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 7   | 7 = In 6                                   |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 8   | 8 = In 7                                   |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 9   | 9 = In 8                                   |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |
| 10  | 10 = GND in                                |   |   |                |   |            |   |            |   |           |   |           |   |           |   |           |   |           |   |           |    |             |