



## Principal

|                               |                                      |
|-------------------------------|--------------------------------------|
| Gama de produse               | Modicon M221                         |
| Tip produs sau componenta     | Graphic display                      |
| Compatibilitate gama          | Modicon M221                         |
| Consum de curent              | 40 mA la 5 V c.c. via RJ45 connector |
| Puterea maxima consumata in W | 1 W                                  |
| Tip afisaj                    | LCD STN color, retro-iluminat        |
| Culoare afisaj                | Monochrome                           |
| Rezolutie afisaj              | 240 x 160 pixels                     |
| Numar de chei                 | 4 configurable<br>6 for navigation   |

## Suplimentar

|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Standarde          | IEC 61131-2<br>IEC 61010-2-201                                                                                    |
| Certificari produs | cULus                                                                                                             |
| Marcaj             | CE                                                                                                                |
| Locatie de montare | Front cabinet diametru: 22 mm gaura<br>Bottom of cabinet diametru: 22 mm gaura, conectare prin mounting accessory |
| Tipul conectorului | RJ45 pentru communication and power supply                                                                        |
| Inaltime           | 126 mm                                                                                                            |
| Latime             | 80 mm                                                                                                             |
| Adancime           | 63 mm                                                                                                             |
| Greutate neta      | 0,17 kg                                                                                                           |

## Mediu

|                                         |                                                                                                                |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Temperatura ambientala de functionare   | -15...50 °C                                                                                                    |
| Altitudine de functionare               | 0...2000 m                                                                                                     |
| Altitudinea de depozitare               | 0...2000 m                                                                                                     |
| Caracteristica de mediu                 | Corrosive gas free                                                                                             |
| Umiditate relativa                      | 95 %, fara condensare (transport)<br>95 %, fara condensare (depozitare)<br>95 %, fara condensare (functionare) |
| Temperatura ambietala pentru depozitare | -40...70 °C                                                                                                    |
| Grad de protectie IP                    | IP65 parte frontala:<br>IP20 partea din spate:                                                                 |
| Grad de poluare                         | 2 conformitate cu SR EN 60664-1                                                                                |
| Rezistenta la vibratii                  | 1.5 mm (f= 3...150 Hz)<br>2 gn                                                                                 |

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rezistența la socuri             | 15 gn pentru 11 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Compatibilitate electromagnetică | <p>Descărcare electrostatică - test level: 9 kV (descarcare în aer) conforming to IEC 61000-4-2</p> <p>Descărcare electrostatică - test level: 4 kV (descarcare pe contact) conforming to IEC 61000-4-2</p> <p>Test de imunitate la frecvență radio radiată - test level: 10 V/m (80 MHz - 1 GHz) conforming to IEC 61000-4-3</p> <p>Test de imunitate la frecvență radio radiată - test level: 3 V/m (1.4...2 GHz) conforming to IEC 61000-4-3</p> <p>Test de imunitate la frecvență radio radiată - test level: 1 V/m (2...3 GHz) conforming to IEC 61000-4-3</p> <p>Câmpul magnetic la frecvență de alimentare - test level: 30 A/m (50/60 Hz) conforming to IEC 61000-4-8</p> <p>Tranziții rapizi/test de imunitate la impulsuri de ionizare - test level: 1 kV conforming to IEC 61000-4-4</p> <p>Test de imunitate la supratensiuni - test level: 0.5 kV (mod comun) conforming to IEC 61000-4-5</p> <p>Test de imunitate la supratensiuni - test level: 0.5 kV (mod diferențial) conforming to IEC 61000-4-5</p> <p>Perturbații conduse de RF - test level: 10 Vrms (0.15 - 80 MHz) conforming to IEC 61000-4-6</p> <p>Disturbing field emission - test level: 10...150 kHz (alimentare (c.c.)) conforming to IEC 55011</p> <p>Disturbing field emission - test level: 120...69 dBμV/m QP (alimentare (c.c.)) conforming to IEC 55011</p> <p>Disturbing field emission - test level: 150...1500 kHz (alimentare (c.c.)) conforming to IEC 55011</p> <p>Disturbing field emission - test level: 1.5...30 kHz (alimentare (c.c.)) conforming to IEC 55011</p> <p>Disturbing field emission - test level: 30...230 MHz clasa A (10 m) conforming to IEC 55011</p> <p>Disturbing field emission - test level: 230 MHz...1 GHz clasa A (10 m) conforming to IEC 55011</p> <p>Disturbing field emission - test level: 79...63 dBμV/m QP (alimentare (c.c.)) conforming to IEC 55011</p> <p>Disturbing field emission - test level: 63 dBμV/m QP (alimentare (c.c.)) conforming to IEC 55011</p> <p>Disturbing field emission - test level: 40 dBμV/m QP clasa A (10 m) conforming to IEC 55011</p> <p>Disturbing field emission - test level: 47 dBμV/m QP clasa A (10 m) conforming to IEC 55011</p> |

## Unitati de ambalare

|                                                       |           |
|-------------------------------------------------------|-----------|
| Unitate de masura pentru prima forma de impachetare   | PCE       |
| Numar unitati in prima forma de impachetare           | 1         |
| Înălțime prima forma de impachetare                   | 6,3 cm    |
| Latime prima forma de impachetare                     | 8,0 cm    |
| Lungime prima forma de impachetare                    | 12,6 cm   |
| Greutate prima forma de impachetare                   | 164,0 g   |
| Unitate de masura pentru a doua forma de impachetare  | S03       |
| Numar unitati in a doua forma de impachetare          | 12        |
| Înălțime a doua forma de impachetare                  | 30,0 cm   |
| Latime a doua forma de impachetare                    | 30,0 cm   |
| Lungime a doua forma de impachetare                   | 40,0 cm   |
| Greutate a doua forma de impachetare                  | 4,375 kg  |
| Unitate de masura pentru a treia forma de impachetare | P06       |
| Numar unitati in a treia forma de impachetare         | 96        |
| Înălțime a treia forma de impachetare                 | 70,0 cm   |
| Latime a treia forma de impachetare                   | 60,0 cm   |
| Lungime a treia forma de impachetare                  | 80,0 cm   |
| Greutate a treia forma de impachetare                 | 15,744 kg |

### Sustenabilitatea ofertei

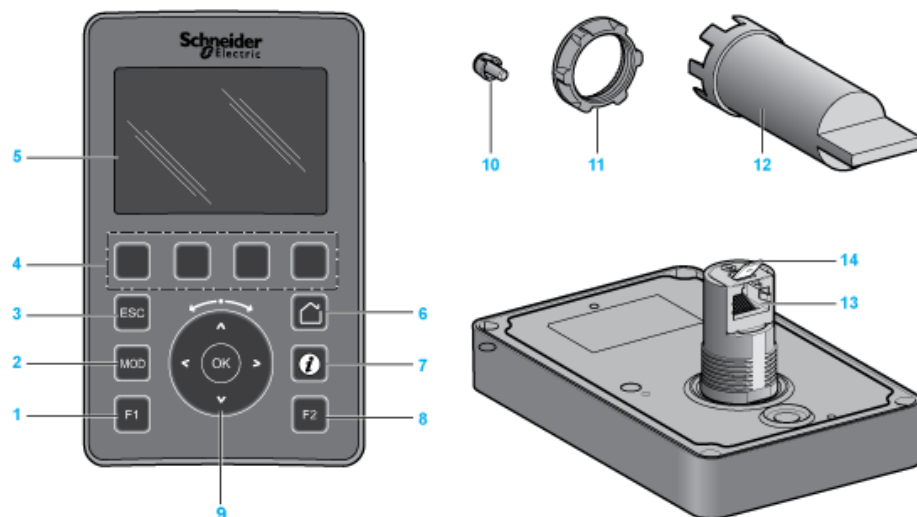
|                                        |                                                                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Stare ofertă sustenabilă               | Produs Green Premium                                                                                                                            |
| Regulamentul REACH                     | <a href="#"> Declaratia REACH</a>                              |
| Directiva RoHS UE                      | Conformitate proactivă (Produs în afara domeniului de aplicare a EU RoHS)                                                                       |
| Fara mercur                            | Da                                                                                                                                              |
| Regulamentul RoHS China                | <a href="#"> Declaratia RoHS China</a>                         |
| Informatii privind scutirea de la RoHS | <a href="#"> Da</a>                                            |
| Raport de mediu                        | <a href="#"> Profilul Ambiental Al Produsului</a>              |
| Profil circularitate                   | <a href="#"> Informatii Privind Sfarsitul Duratei De Viata</a> |
| Fara PVC                               | Da                                                                                                                                              |

### Garantie contractuala

|          |         |
|----------|---------|
| Garantie | 18 luni |
|----------|---------|

## Remote Graphic Display

### Overview



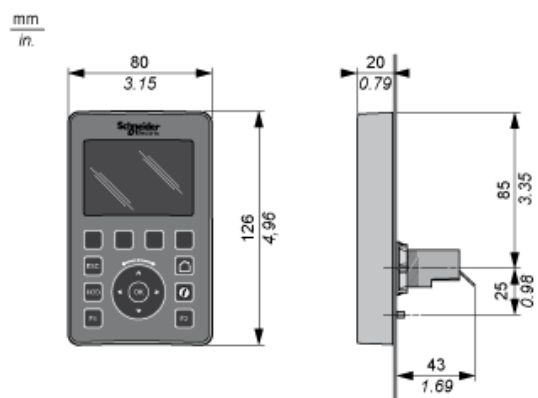
- 1 : F1 key
- 2 : MOD key
- 3 : ESC key
- 4 : R1 to R4 keys
- 5 : Graphic screen
- 6 : Home key
- 7 : Information key
- 8 : F2 key
- 9 : Touch wheel/OK/Arrows
- 10 : Anti-rotation tee
- 11 : Installation nut
- 12 : Socket wrench (ZB5AZ905)
- 13 : RJ45 serial line (RS-485)
- 14 : Connector for functional ground (earth)

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Remote Graphic Display

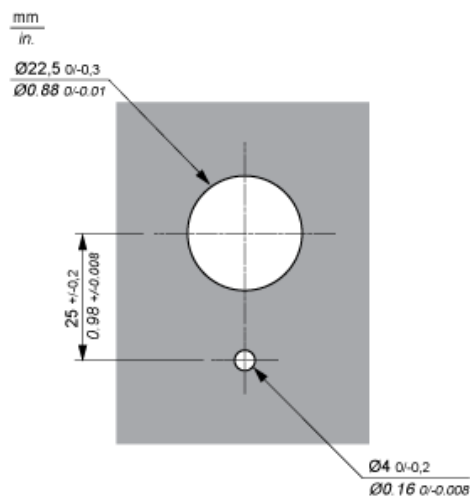
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Dimensions



## Mounting and Clearances

### Mounting Hole Layout



### Minimum Clearances

