

# 1 Industrial Regulatory Compliance

(TPS and Experion PKS Cabinets.)

## 1.1 Electromagnetic Compatibility (EMC):

### European Community:

Emissions: IEC 61326, 2002 (Industrial Locations, CISPR 11, Class A)  
Immunity: IEC 61326, 2002 (Industrial Locations)

**Attention:** The following formula is a proximity guideline, for use of Portable Transceivers (walkie-talkies), in the frequency range of 80MHz to 1GHz:

$$D > 0.30 * \text{SQRT}\{P\}$$
 (D must be greater than 0.30 multiplied by the square root of P)

D = Distance from equipment, in meters.

P = Power Output of the Portable Transceivers (walkie-talkies), in Watts.

### Examples:

P = 10 Watts, D > 0.949 meters

P = 5 Watts, D > 0.671 meters

P = 1 Watt, D > 0.300 meters

**Note:** Electrical cables, which are routed external to the equipment, must be fully shielded cables (360 degree metallic shielding), in order to comply with the above EMC standards.

## 1.2 General Purpose Safety Compliance

Product Safety Compliance

IEC 61010-1, 2001, 2nd edition

Note: Within these standards (above) is a 'Normative Reference' section citing additional standards, which may apply as, suited and required for product compliance.

### **WARNING**

Honeywell IAC does not claim Safety Compliance or Electromagnetic Compatibility (EMC) Compliance for system equipment configurations that have not been described in this manual as standard system configurations. Any equipment configuration other than that described in this publication decertifies the Safety and EMC compliance of this product.

## 2 Light Industrial Regulatory Compliance

(This includes TPS and Experion, Desktop, Desk-side, Classic Console, Z-Console and ICON Console Systems)

### 2.1 Electromagnetic Compatibility (EMC):

#### European Community:

Emissions: IEC 61326, 2002 (Basic Requirements, CISPR11, Class A)  
Immunity: IEC 61326, 2002 (Basic Requirements)

**Attention:** The following formula is a proximity guideline, for use of Portable Transceivers (walkie-talkies), in the frequency range of 80MHz to 1GHz:

$D > \text{SQRT}\{P\}$  (D must be greater than the square root of P)

D = Distance from equipment, in meters.

P = Power Output of the Portable Transceivers (walkie-talkies), in Watts.

#### Examples:

P = 10 Watts, D > 3.162 meters

P = 5 Watts, D > 2.236 meters

P = 1 Watt, D > 1.000 meters

**Note:** Electrical cables, which are routed external to the equipment, must be fully shielded cables (360 degree metallic shielding), in order to comply with the above EMC standards.

### 2.2 General Purpose Safety Compliance

Product Safety Compliance

IEC 61010-1, 2001, 2nd edition

Note: Within these standards (above) is a 'Normative Reference' section citing additional standards, which may apply as, suited and required for product compliance.

### WARNING

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