

CARLO GAVAZZI

Automation Components

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PROFESSIONAL INSTALLATION (KDB 353028 D01, sections II.A.2.c) attestation for wireless display interface SBP2WDI48524, FCC ID SNJDIS

(c) Professional installation

i. Professional installation must be justified in the filing, and grant condition must state "This device must be professionally installed."

Justification to support professional installation is given below and as part of this FCC filing. The installation guide contains the required text "This device must be professionally installed".

ii. Professional installation does not permit use of any antenna with the transmitter; the permitted types of antenna must be specified.

In the Operational Description and in the Installation Guide it is stated that no others antenna except the one provided with the product shall be used

iii. The applicant should address the following items when justifying professional installation.

(1) To qualify for professional installation, the applicant must explain why the hardware is not readily available to average consumer.

The device is not sold directly by Carlo Gavazzi Automation, but is given to authorized retailers who sell the product to professional installers only.

Installation within a Carlo Gavazzi solution is performed by professionally trained installers to ensure performance and fulfil required safety standards

(2) Marketing—Device cannot be sold via retail to the general public or by mail order; it must be sold to authorized dealers or installers only.

The device is sold directly to Carlo Gavazzi distributors and installers and is not made available to the general public.

(3) Filing must show that intended use is not for consumers and general public; rather device is generally for industrial/commercial use.

The device is part of a connected Smart Dupline® system and provides connectivity for external machines and industrial panels as stated in the Operational Description.

(4) Explain what is unique, sophisticated, complex, or specialized about the equipment that REQUIRES it to be installed by a professional installer?

The SBP2WDI48524 is provided to be mounted on a electric panel via din rail. No other personnel except the installer has access to the panel. Moreover, being part of the Smart Dupline® automation system, the device must be programmed by trained personnel only, before being used.

iv. Other professional installation requirements.

(1) Installation must be controlled.

Installation of Carlo Gavazzi technologies requires a number of technologies and processes. The various components and devices of the users end solution are carefully specified and tested to work together. As a result, installation of the SBP2WDI48524 in any Smart Dupline® system is performed by professionally trained installers.

(2) Installed by licensed professionals (e.g., device sold to dealer who hire installers).


This device is only sold to system integrators and installer and is not made available on the general retail market for the average consumer to purchase.

(3) Installation may require special training (e.g., special programming, field strength measurements made).

Training is provided on the installation of this device as part of the overall system to maintain operational performance.

The product is provided with its specific antenna and the use of different antennas voids all the product certifications, as explained in the installation guide.

Yours faithfully,



Alberto Mambrini
R&D, Test & Approvals