4000 SERIES MODULAR

4000 Series WS4 Proximity Module

4000 Series WS4 (Mifare) Proximity Module
for use with the WS4 Web Access System

WS4 Web Access Solution

PROXIMITY ACCESS

MIFARE

INTERNET ACCESS

Art. 4849WS4 **Art. 4849WS4/M** **Art. 4849WS4/BL**

PBX-1E-MS50 **PBXB-1E-MS50** **PBXBK-1E-MS50** **PBXG-1E-MS50** **PBXR-1E-MS50** **PBX-2-MS50** **PBX-2-MS70**

Art.	4849WS4
DESCRIPTION	Modular 4000 series WS4 Mifare proximity module for use with the WS4 web access system
FRONT FASCIA OPTIONS	Mirror Stainless Steel, **/M** Matt 316 Marine Grade Stainless Steel, **/BL** Gun Metal Grey
INDICATION LED'S & REASSURANCE TONES	Yes: Tri-colour halo indication LED, amber = standby/data, green = access granted, red = access denied, internal audible buzzer
FOB / CARD TYPE	Mifare classic, 1K & 4K fob/card types, also Ultralight and Desfire fobs/cards
READ RANGE & OPERATING FREQUENCY	up to 6 cm (approx.) with an operating frequency of 13.56MHz
IP RATING	Main reader has sealed resin potted electronics with IP65 rating
COMPATIBLE FOBS / CARDS	1K Fobs: **PBX-1E-MS50** (grey), **PBXB-1E-MS50** (blue), **PBXBK-1E-MS50** (black), **PBXG-1E-MS50** (green), **PBXR-1E-MS50** (red), 1K card: **PBX-2-MS50**, 4K card: **PBX-2-MS70**
CABLE COLOUR & TERMINAL CONNECTIONS	Pre-wired 4 core cable 0.5m (approx.). Red = +pos (**+12V**), black = 0V (**GND**), RS485 (**A**) and violet = RS485 (**B**)
RS485 BUS	RS485 bus wires: pink = **A** and violet = **B** for reader configuration & setup and connection to WS4 control cabinet
COMPATIBLE CONTROLLERS	Web Access Control Cabinets: **WS4CU1 / WS4CU1-4G** (1 door cabinet), **WS4CU2 / WS4CU2-4G** (2 door cabinet) and **WS4CU4 / WS4CU4-4G** (4 door cabinet)
PROGRAMMING & SYSTEM (READER) MANAGEMENT	Programming configuration & setup is carried out via the RS485 BUS connection to the WS4 control cabinet and using the **WS4 Web Access software**. Remote connection to the **WS4 Web Access software** is achieved using a standard web browser (Chrome, Safari, Opera, Microsoft Edge or Firefix) where the system can be accessed and managed from anywhere in the world with an internet connection. System management can also be carried out using the **WS4 Web Access software**, the **WS4 Portal** remote online service or either of the WS4 Mobile Apps - the **WS4 App** (for administrators) and the **WS4 Access App** (for users), both of which are available to download from Google Play and the Apple App Store for Android and iOS devices.
TAMPER FEATURE	Yes: tamper feature managed via WS4 controller using WS4 management software, Portal or App
MODULE SIZE	1 module 4000 series: 103 (W) x 120 (L) x 30 (D) mm
WORKING VOLTAGE	9 - 14Vdc supplied directly from WS4 control cabinet (see above)
POWER CONSUMPTION	During Operation: 130mA (max.)
WORKING TEMP.	-10° to +50°C