



IWLAN ETHERNET CLIENT MODULE SCALANCE W746-1PRO,
 FOR USE OUTSIDE OF USA 1 RADIO INTERFACE,
 IEEE 802.11B/G/A/H,
 INDUSTRIAL WIRELESS LAN (IWLAN),
 2.4/5GHZ, UP TO 54 MBIT/S,
 WPA2/802.11I/11E, UP TO 8 IP-DEVICES,
 NAT, NOTE NATIONAL APPROVALS, POE,
 IP65 (-20-+60 DGR C), EN50155,
 LIEFERUMF.: 2XANT 795-4MR,
 IP67 HYBRID PLUG CONNECTOR,
 MOUNT. MATERIAL,
 MANUALS ON CD ROM GERMAN/ENGLISH

Transmission rate

Transfer rate

- | | |
|---------------------------|-------------------|
| • with W-LAN / maximum | 54 Mbit/s |
| • bij Industrial Ethernet | 10 ... 100 Mbit/s |

Interfaces

Number of electrical connections

- | | |
|---|---|
| • for network components and terminal equipment | 1 |
| • for power supply | 1 |
| • voor redundante voeding | 1 |

design of the removable storage / C-PLUG Ja

Interfaces / wireless

Number of radio cards / permanently installed	1
Number of electrical connections / for external antenna(s)	2
Product property / external antenna can be mounted directly on device	Ja

Supply voltage, current consumption, power loss

Aard van de spanning / van de voedingsspanning	DC
Supply voltage	
• 1 / from M12 Power Connector (A-coded) for redundant power supply	24 V
• 2 / from M12 Power Connector (A-coded) for redundant power supply	48 V

<ul style="list-style-type: none"> • from Power-over-Ethernet according IEEE802.3at for type 1 and IEEE802.3af 	48 V
Current consumed	
<ul style="list-style-type: none"> • bij 24 V / bij DC / typisch 	0,25 A
<ul style="list-style-type: none"> • at 48 V / with DC / typical 	0,13 A
<ul style="list-style-type: none"> • with Power-over-Ethernet according to IEEE802.3at for type 1 and IEEE802.3af / typical 	0,13 A
Vermogensverlies	
<ul style="list-style-type: none"> • bij 24 V / bij gelijkstroom / standaard 	7 W
<ul style="list-style-type: none"> • at 48 V / with DC / typical 	7 W
<ul style="list-style-type: none"> • with Power-over-Ethernet according to IEEE802.3at for type 1 and IEEE802.3af / typical 	7 W
Permitted ambient conditions	
Omgevingstemperatuur	
<ul style="list-style-type: none"> • tijdens de werking 	-20 ... +60 °C
<ul style="list-style-type: none"> • tijdens opslag 	-40 ... +70 °C
<ul style="list-style-type: none"> • tijdens transport 	-40 ... +70 °C
Relatieve luchtvochtigheid / bij 25 °C / zonder condensatie / tijdens bedrijf / maximaal	100 %
Beschermingsklasse IP	IP65
Design, dimensions and weight	
Width / of enclosure / without antenna	125 mm
Height / of enclosure / without antenna	88 mm
Depth / of enclosure / without antenna	108 mm
Nettogewicht	1,05 kg
Aard van de bevestiging	
<ul style="list-style-type: none"> • S7-300 rail mounting 	Ja
<ul style="list-style-type: none"> • wandmontage 	Ja
Wireless frequencies	
Radio frequency	
<ul style="list-style-type: none"> • for WLAN in 2.4 GHz frequency band 	2,41 ... 2,48 GHz
<ul style="list-style-type: none"> • for WLAN in 5 GHz frequency band 	4,9 ... 5,8 GHz
Product properties, functions, components / general	
Product function	
<ul style="list-style-type: none"> • Access Point Mode 	Nee
<ul style="list-style-type: none"> • Client Mode 	Ja
Product function	
<ul style="list-style-type: none"> • Dual Client 	Nee
<ul style="list-style-type: none"> • iHOP 	Nee
<ul style="list-style-type: none"> • iPCF client 	Nee
<ul style="list-style-type: none"> • iPCF-MC client 	Nee

Number of iPCF-capable radio modules	0
Product functions / management, configuration	
Number of manageable IP addresses / in client	8
Product function	
• CLI	Ja
• Web-based Management	Ja
• MIB support	Ja
• TRAPs via email	Ja
• Configuration with STEP 7	Ja
• configuration with STEP 7 in the TIA Portal	Ja
• operation with IWLAN controller	Nee
• operation with Enterasys WLAN controller	Nee
• iQoS	Nee
• forced roaming with IWLAN	Nee
• WDS	Nee
Protocol / is supported	
• Address Resolution Protocol (ARP)	Ja
• ICMP	Ja
• Telnet	Ja
• HTTP	Ja
• HTTPS	Ja
• TFTP	Ja
• SNMP v1	Ja
• SNMP v2	Ja
• SNMP v3	Ja
• DCP	Ja
• LLDP	Ja
Identification & maintenance functie	
• I&M0 - apparaatspecifieke informatie	Ja
• I&M1 - installatiemerken/plaatsmerken	Ja
Product functions / Diagnosis	
Product function	
• PROFINET IO diagnosis	Ja
• Link Check	Nee
• connection monitoring IP-Alive	Nee
• localization via Aeroscout	Nee
• SysLog	Ja
Product functions / VLAN	
Product function / function VLAN with IWLAN	Nee

Product functions / DHCP	
Product function	
• DHCP client	Ja
• in Client Mode / DHCP server via LAN	Ja
Product functions / Security	
Product function	
• ACL - MAC-based	Nee
• Management security, ACL-IP based	Nee
• IEEE 802.1x (radius)	Ja
• NAT/NAPT	Ja
• access protection according to IEEE802.11i	Ja
• WPA/WPA2	Ja
• TKIP/AES	Ja
Protocol / is supported / SSH	Ja
Product functions / Time	
Protocol / is supported	
• SNTP	Ja
• SIMATIC Time	Nee
Standards, specifications, approvals	
Verification of suitability	
• EG-conformiteitsmerkteken	Ja
• EG-conformiteitsverklaring	Ja
• C-Tick	Ja
• Railway application in accordance with EN 50155	Ja
• E1 approval	Ja
• NEMA4X	Nee
• Power-over-Ethernet according IEEE802.3at for type 1 and IEEE802.3af	Ja
Standard for wireless communication	
• IEEE 802.11a	Ja
• IEEE 802.11b	Ja
• IEEE 802.11e	Ja
• IEEE 802.11g	Ja
• IEEE 802.11h	Ja
• IEEE 802.11i	Ja
• IEEE 802.11n	Nee
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	Nee
• Bureau Veritas (BV)	Nee
• Det Norske Veritas (DNV)	Nee

- Germanische Lloyd (GL)
- Lloyds Register of Shipping (LRS)
- Nippon Kaiji Kyokai (NK)
- Polski Rejestr Statkow (PRS)

Nee

Nee

Nee

Nee

letzte Änderung:

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