SIEMENS

Data sheet

product type designation

6GK5788-2FC00-0AC0

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	MEMERES	-	
	SCALARCE WYXX		
A	10482 5		

W788-2 RJ45 (ISR)

IWLAN access point, SCALANCE W788-2 RJ45, 2 radios, 6 R-SMA antenna connections, IEEE 802.11a/b/g/h/n, 2.4/5 GHz, gross 450 Mbit/s per radio 1 x RF45 (max. 1 Gbit/s), POE 2 x 24 V DC, IP30 (-20 to + 60 °C), WPA2/802.111/e, signaling contact Observe national approval! (Cert ID: RAPN-W2-RJ-E3) includes: MPCIE-R1-ABGN-U3 Scope of delivery: Manuals on CD, de/en 2 x joint block, only for operation in Jsrael for operation in Israel.

transfer rate	
transfer rate	
with WLAN / maximum	450 Mbit/s
for Industrial Ethernet	10, 100, 1000 Mbit/s
transfer rate / for Industrial Ethernet	10, 100, 1000 Mibit/S
	10 Mbit/s
● minimum ● maximum	100 Mbit/s
• maximum interfaces	
number of electrical connections	1
for network components or terminal equipment	1
for power supply	
for redundant voltage supply	1
type of electrical connection	RJ45 socket
for network components or terminal equipment for network components	
for power supply memory	4-pole screw terminal, PoE
design of the removable storage • C-PLUG	Yes
• KEY-PLUG	Yes
interfaces / wireless	
number of radio cards / permanently installed	2
transmission mode / for multiple input multiple output (MIMO)	2 3x3
number of spatial streams	3
	6
number of electrical connections / for external antenna(s) type of electrical connection / for external antenna(s)	R-SMA (socket)
product feature / external antenna can be mounted directly on	Yes
device	
signal inputs/outputs	
number of digital inputs	1
number of digital outputs	1
type of electrical connection / at the digital inputs/outputs	4-pole screw terminal
signal range / at digital input	24 V DC, safety extra-low voltage
signal range / at digital output	24 V DC / 1 A
supply voltage, current consumption, power loss	
type of voltage / of the supply voltage	DC
supply voltage	
 from Power-over-Ethernet according to IEEE802.3at for type 1 and IEEE802.3af 	48 V
 from Power-over-Ethernet according to IEEE802.3at for type 2 	50 V



consumed current	
• at DC / at 24 V / typical	0.63 A
 with Power-over-Ethernet according to IEEE802.3at for type 1 and IEEE802.3af / typical 	0.22 A
with Power-over-Ethernet according to IEEE802.3at for type 2 / typical	0.3 A
power loss [W]	
• at DC / at 24 V / typical	15 W
 with Power-over-Ethernet according to IEEE802.3at for type 1 and IEEE802.3af / typical 	10.7 W
• with Power-over-Ethernet according to IEEE802.3at for type 2 / typical	15 W
supply voltage / 1	
from terminal block	19.2 V
supply voltage / 2	
from terminal block	28.8 V
ambient conditions	20.0 V
ambient temperature	
during operation	-20 +60 °C
during storage	-40 +85 °C
 during transport 	-40 +85 °C
relative humidity / at 25 $^\circ\text{C}$ / without condensation / during operation / maximum	90 %
ambient condition / for operation	When used under hazardous conditions (Zone 2), the SCALANCE W788-x or W748-x product must be installed in an enclosure. To comply with EN 50021, this enclosure must meet the requirements of at least IP 54 in compliance with EN 60529.
protection class IP	IP30
design, dimensions and weights	
width / of the enclosure / without antenna	200 mm
height / of the enclosure / without antenna	158 mm
depth / of the enclosure / without antenna	79 mm
•	
net weight	1.7 kg
fastening method	For 35 mm DIN rail mounting an additional mounting adapter is required
 S7-300 rail mounting 	Yes
S7-1500 rail mounting	Yes
• 35 mm top hat DIN rail mounting	Yes Yes
0	
• 35 mm top hat DIN rail mounting	Yes
35 mm top hat DIN rail mountingwall mounting	Yes
 35 mm top hat DIN rail mounting wall mounting radio frequencies 	Yes
35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency	Yes Yes
35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / ger product function / Access Point Mode 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals neral
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / ger product function / Access Point Mode product function / client Mode 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals heral Yes Yes
35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / ger product function / Access Point Mode product function / client Mode number of SSIDs	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals heral Yes
35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / ger product function / Access Point Mode product function / client Mode number of SSIDs product function	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals heral Yes Yes 16
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / ger product function / Access Point Mode product function / client Mode number of SSIDs product function iPCF Access Point 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals teral Yes Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures'
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / ger product function / Access Point Mode product function / client Mode number of SSIDs product function iPCF Access Point iPCF client 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals teral Yes Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / ger product function / Access Point Mode product function / client Mode number of SSIDs product function iPCF Access Point 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals teral Yes Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / ger product function / Access Point Mode product function / client Mode number of SSIDs product function iPCF Access Point iPCF client iPCF-MC Access Point iPCF-MC client 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals terral Yes Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / ger product function / Access Point Mode product function / client Mode number of SSIDs product function iPCF Access Point iPCF-MC Access Point 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals neral Yes Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' 2
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / ger product function / Access Point Mode product function / client Mode number of SSIDs product function iPCF Access Point iPCF client iPCF-MC Access Point iPCF-MC client 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals terral Yes Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / get product function / Access Point Mode product function / client Mode number of SSIDs product function iPCF Access Point iPCF client iPCF-MC Access Point iPCF-MC client number of iPCF-capable radio modules 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals neral Yes Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures'
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / get product function / Access Point Mode product function / Client Mode product function iPCF Access Point iPCF client iPCF-MC Access Point iPCF-MC client number of iPCF-capable radio modules product function / iREF 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals heral Yes Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' Yes; In combination only with 'KEY-PLUG W780 iFeatures'
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / ger product function / Access Point Mode product function / client Mode number of SSIDs product function iPCF Access Point iPCF client iPCF-MC Access Point iPCF-MC client number of iPCF-capable radio modules product function / iREF number of iREF-capable radio modules product function / iPRP 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals teral Yes Yes 16 Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' 2
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / get product function / Access Point Mode product function / client Mode number of SSIDs product function iPCF Access Point iPCF client iPCF-MC Access Point iPCF-MC client number of iPCF-capable radio modules product function / iREF number of iREF-capable radio modules product function / iPRP 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals teral Yes Yes 16 Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' 2
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / get product function / Access Point Mode product function / client Mode number of SSIDs product function iPCF Access Point iPCF client iPCF-MC Access Point iPCF-MC client number of iPCF-capable radio modules product function / iREF number of iREF-capable radio modules product function / iPRP product function / iPRP product function / iPRP 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals teral Yes Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' 2 Yes; In combination only with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG Yes; In combination with the 'KEY-PLUG W780 iFeatures' only
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / get product features, product functions, product components / get product function / Access Point Mode product function / client Mode number of SSIDs product function iPCF Access Point iPCF client iPCF-MC Access Point iPCF-MC client number of iPCF-capable radio modules product function / iREF number of iREF-capable radio modules product function / iPRP 	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals teral Yes Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' Yes; In combination only with 'KEY-PLUG W780 iFeatures' 2 Yes; In combination with the 'KEY-PLUG W780 iFeatures' only
 35 mm top hat DIN rail mounting wall mounting radio frequencies operating frequency for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band product features, product functions, product components / ger product function / Access Point Mode product function / client Mode number of SSIDs product function iPCF Access Point iPCF client iPCF-MC Access Point iPCF-MC client number of iPCF-capable radio modules product function / iREF number of iREF-capable radio modules product function / iPRP product function / iPRP product function / iPR product function product function i Paddresses / in client product function	Yes Yes 2.41 2.48 GHz; depending on the country approvals 4.9 5.8 GHz; depending on the country approvals erral Yes Yes 16 Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with the 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; Only in combination with 'KEY-PLUG W780 iFeatures' or 'KEY-PLUG W740 iFeatures' Yes; In combination only with 'KEY-PLUG W780 iFeatures' 2 Yes; In combination only with 'KEY-PLUG W780 iFeatures' on 'KEY-PLUG W740 iFeatures' 2 Yes; In combination with the 'KEY-PLUG W780 iFeatures' on 'KEY-PLUG 8



	Ver
TRAPs via email	Yes
configuration with STEP 7	Yes
• configuration with STEP 7 in the TIA Portal	Yes
operation with IWLAN controller	No
operation with Enterasys WLAN controller	No
forced roaming on IP down with IWLAN	Yes
forced roaming on link down with IWLAN	Yes
• WDS	Yes
protocol / is supported	
Address Resolution Protocol (ARP)	Yes
• ICMP	Yes
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• DCP	Yes
• LLDP	Yes
identification & maintenance function	
I&M0 - device-specific information	Yes
 I&M1 - higher level designation/location designation 	Yes
product functions / diagnostics	
product function	
PROFINET IO diagnosis	Yes
 link check 	No
 connection monitoring IP-Alive 	No
 localization via Aeroscout 	Yes
SysLog	Yes
protocol / is supported	
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
product functions / VLAN	
product function	
function VLAN with IWLAN	Yes
product functions / DHCP	
product function	
DHCP client	Yes
DHCP server	Yes
DHCP Option 82	Yes
product functions / redundancy	
product functions / redundancy protocol / is supported	
	Yes
protocol / is supported	
protocol / is supported • STP/RSTP	Yes
protocol / is supported • STP/RSTP • MSTP	Yes Yes
protocol / is supported • STP/RSTP • MSTP • RSTP	Yes Yes
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security	Yes Yes
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function	Yes Yes Yes
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based	Yes Yes Yes
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based	Yes Yes Yes Yes
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius)	Yes Yes Yes Yes Yes Yes
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT	Yes Yes Yes Yes Yes No
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i	Yes Yes Yes Yes Yes No Yes
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2	Yes Yes Yes Yes Yes No Yes Yes
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2 • TKIP/AES	Yes Yes Yes Yes Yes No Yes Yes
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2 • TKIP/AES protocol / is supported	Yes Yes Yes Yes Yes No Yes Yes Yes Yes
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2 • TKIP/AES protocol / is supported • SSH	Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2 • TKIP/AES protocol / is supported • SSH • RADIUS	Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes
protocol / is supported STP/RSTP MSTP RSTP product functions / security product function ACL - MAC-based management security, ACL-IP based IEEE 802.1x (radius) NAT/NAPT access protection according to IEEE802.11i WPA/WPA2 TKIP/AES protocol / is supported SSH RADIUS product functions / time	Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes
protocol / is supported • STP/RSTP • MSTP • RSTP product functions / security product function • ACL - MAC-based • management security, ACL-IP based • IEEE 802.1x (radius) • NAT/NAPT • access protection according to IEEE802.11i • WPA/WPA2 • TKIP/AES protocol / is supported • SSH • RADIUS product functions / time protocol / is supported	Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes



standard FM 4011 - Class 1, Division 2, Groups A,B, C,D, T 4 / Class 1, Zone 2, Group IIC standard FM 4011 - Class 1, Division 2, Groups A,B, C,D, T 4 / Class 1, Zone 2, Group IIC certificate of subability No • OF TM Yes • C T ranking No • C T ranking Yes • Tailway application in accordance with EN 50155 No • railway application in accordance with EN 50121-4 No • NEMA TS2 No • LEC 6 1650-3 No • LEC 6 1650-3 No • Power-ower-Ehremat according IEEEB02 3alf for type 1 Yes • EEEE 602.11b Yes • EEE 602.11b Yes • EEE 602.11b Yes	SIMATIC time synchronization (SIMATIC Time)	Yes
T4 FM10US0205X entificate of subability FE eC Declaration of Conformity No CC Tasking application in accordance with EN 50155 No • Tasking application in accordance with EN 50155 No • Tasking application in accordance with EN 50155 No • NEMAK T52 No • EEC 61375 No • EEC 61375 No • No No • EEC 61275 No • No No • EEE 6127 No • EEE 6127 Yes • EEE 612710 Yes • EEE 612711 Yes • EEE 612711 Yes		
certificate of suitability No i CE marking No i CE marking Yes i CE marking Yes i CE marking Yes i CE approval Yes i Ralway application in accordance with EN 50155 No i Ralway application in accordance with EN 50151 No i Ralway application in accordance with EN 50151 No i Ralway application in accordance with EN 50121 No i Robust application in accordance with EN 50121 No i Robust application in accordance with EN 50121 No i Robust application in accordance with EN 50121 No i Robust application in accordance with EN 50121 No i Robust application in accordance with EN 50121 No i Robust application in accordance with EN 50121 No i Robust application in accordance with EN 50121 Yes standard for witeless application in accordance with EN 50121 Yes standard for witeless application in accordance wite Standard for witeless application according to IEEE 802.111 Yes i IEEE 802.111 Yes Yes i IEEE 802.111 Yes Yes i IEEE 802.111 Yes Yes i Robust application application accelles (BV) Yes i Robust application application accelless (BV)	• for FM	FM 3611: Class I, Division 2, Groups A,B,C,D, T4 / Class 1, Zone 2, Group IIC,
CC Declaration of Conformity No CC marking CC mar		14, FM16US0205X
No No C-Tick Yes ET approval Yes Tailway application in accordance with EN 50155 No I analysis application in accordance with EN 501214 No NEMA TS2 No ET (157)5 No ET (157)5 No ET (157)5 No No No Standard br wideas communication Yes EEEE 602.116 Yes EIEE 602.117 Yes Vericles approval For operation in the USA, you will find more information under: www.seneme definitionissengen Wideas approval For operation in the USA, you will find more information under: www.seneme definitionissengen Standards, specification association Yes American Bureau of Shipping Europe Ltd. (ABS) Yes Forenchamine classification asciet (BV)	-	
 C-Tas Yes E1 approval railway application in accordance with EN 50155 No railway application in accordance with EN 50155 No No		
• E1 approval Yes • railway application in accordance with EN 50155 No • NEMA TS2 No • NEMA TS2 No • NEG 1975 No • NEG 1975 No • NEMA TS2 No • New cover Ethemet according IEEE802.3 at for type 1 Yes • New cover Ethemet according to IEEE802 at for type 2 Yes standard for wireless communication '''es • IEEE 402.11a Yes • American Bureau of Shipping Europe Lid. (ABS) Yes • Nore an Register of Shipping (IRS) Yes • Findom Americ dassification accordance servicement Yes • Nore An Eleft and Shipping (IRS) Yes • Noyas Register of Shippi	-	
relatively application in accordance with EN 90155 No relatively application in accordance with EN 90121-4 No NeMAT S2 No NeMAT S2 No No No NeMAT S2 No		
• raikwy application in accordance with EN 50121-4 No • NEMA T52 No • IEC 6 fi375 No • NEMA T52 No • Standard for wireless communication Yes • IEEE 802.110 Yes • IEEE 802.111 Yes • IEEE 802.111 Yes • IEEE 802.111 Yes • Nordication sociation Frecoperation in the USA, you will find more information under: www.sienees.defunkzulassungen wireless approval Frecoperation in the USA, you will find more information under: www.sienees.defunkzulassungen • American Bureau of Shipping Europe Ltd. (ABS) Yes • Frecoh martie classification sociation Yes • Loyds Register of Shipping (KRS) Yes • Nippon Kall Kyokai (NK) Yes • Roord Isspecifications, appro		
NEMA TS2 No NEMA TS2 No NECATS2 No NECATS2 No		
• IEC 61375 No • IEC 6136-3 No • Noundary Construction of the second of		
NEMA4X No Power-over-Ethernet according IEEE802.3at for type 1 and IEEE802.3at for type 2 Yes Power-over-Ethernet according to IEEE802.3at for type 2 Yes Power-over-Ethernet according to IEEE802.3at for type 2 Yes Setandard for writeless communication IEEE 802.11a Yes IEEE 802.11b Yes		
Power-over-Ethernet according IEEE802.3at for type 1 relevation according to IEEE802.3at for type 2 Yes standard for wireless communication IEEE 802.11a IEEE 802.11a Ves Ves IEEE 802.11a Ves Ves IEEE 802.11a Ves IEEE 802.11a Ves		
and IEEE802.3af Yes standard for wireless communication Yes standard for wireless communication Yes IEEE 802.11a Yes IEEE 802.11b Yes Vireless approval For operation in the USA, you will find more information under: wireless approval Yes standards, specifications, approvals / marine classification Marine classification society (BV) Yes • forean Register of Shipping Europe Ltd. (ABS) Yes • forean Register of Shipping (KRS) Yes • loyds Register of Shipping (LRS) Yes • loyds Register of Shipping (LRS) <t< td=""><td></td><td></td></t<>		
standard for wireless communication EEE 802.11a For operation in the USA, you will find more information under: www.siemens.de/funkzulassungen Marine classification association American Bureau of Shipping Europe Ltd. (ABS) Fer operation in the USA, you will find more information under: www.siemens.de/funkzulassungen Marine classification association American Bureau of Shipping Europe Ltd. (ABS) Fer operation in the USA, you will find more information under: www.siemens.de/funkzulassungen Marine classification association American Bureau of Shipping Europe Ltd. (ABS) Fer operation marine classification society (BV) American Bureau of Shipping (KRS) Fer operation function (KRS) Fer operation function (KRS) Fer operation function (KRS) Fer operation function (KRS) Fer operation (KRS) Fer op	and IEEE802.3af	
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networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information visit http://www.siement.auto-concept. information, visit http://support.automation.siemens.com. (V3.4)

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