

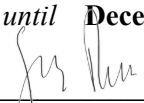


TYPE APPROVAL CERTIFICATE
No. ELE171422XG

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Programmable logic controller
<i>Type</i>	SIMATIC NET modules
<i>Applicant</i>	OBT, BT, CM, CP; Scalance M, S, X, W and Accessories
	SIEMENS AG - DF FA SE DS EMC
	GÜNTHER-SCHAROWSKY-STRASSE 21
	91058 ERLANGEN
	GERMANY
<i>Manufacturer</i>	SIEMENS AG
<i>Place of manufacture</i>	ÖSTLICHE RHEINBRÜCKENSTR. 50
	76187 KARLSRUHE
	GERMANY
<i>Reference standards</i>	Rules for the classification of ships.- Part C - Machinery, systems and fire protection. - Ch.3, Sect. 6, Table 1.

Issued in **HAMBURG** on **December 12, 2022.** *This Certificate is valid until* **December 11, 2027**



RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

TYPE APPROVAL CERTIFICATE
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SIMATIC NET modules
OBT, BT, CM, CP
Scalance M, S, X, W and Accessories

Product Description:

The **SIMATIC NET** components are modules to build up an Industrial Ethernet Network.
The SIMATIC NET series comprises of following components:

Product name		Order No.: (MLFB)	EC code
IE/PB Link PN IO	IE/PB Link PN IO	6GK1411-5AB00	31B*
	IE/PB Link PN IO	6GK1411-5AB10	31B*
BUSTERMINAL	BUSTERMINAL 12M	6GK1500-0AA10	31
	OPTICAL BUS TERMINAL 2.0	6GK1500-3AA10	31
		6GK1503-2CA00	31
Optical Link Modules	PROFIBUS OLM/P11 V4.0	6GK1503-2CA01	31
	PROFIBUS OLM/G11 V4.0	6GK1503-2CB00	31
	PROFIBUS OLM/G11-1300 V4.0	6GK1503-2CC00	31
	PROFIBUS OLM/P12 V4.0	6GK1503-3CA00	31
	PROFIBUS OLM/P12 V4.1	6GK1503-3CA01	31
	PROFIBUS OLM/G12 V4.0	6GK1503-3CB00	31
	PROFIBUS OLM/G12-1300 V4.0	6GK1503-3CC00	31
	PROFIBUS OLM/G12-EEC V4.0	6GK1503-3CD00	31
	PROFIBUS OLM/P22 V4.1	6GK1503-4CA01	31
FASTCONNECT	Fastconnect RJ45 Modular Outlet	6GK1901-1BE00-0AA3	31B*
SCALANCE X	SCALANCE X005	6GK5005-0BA00-1AA3	31
	SCALANCE X005TS	6GK5005-0BA00-1CA3	31
	SCALANCE X005	6GK5005-0BA10-1AA3	31B*
	SCALANCE X005EEC	6GK5005-0BA10-1CA3	31B*
	SCALANCE X101-1	6GK5101-1BB00-2AA3	31
	SCALANCE X101-1LD	6GK5101-1BC00-2AA3	31
	SCALANCE X104-2	6GK5104-2BB00-2AA3	31B*
	SCALANCE X106-1	6GK5106-1BB00-2AA3	31B*
	SCALANCE XC106-2ST	6GK5106-2BB00-2AC2	31B
	SCALANCE XC106-2SC	6GK5106-2BD00-2AC2	31B
	SCALANCE X108	6GK5108-0BA00-2AA3	31B*
	SCALANCE X108PoE	6GK5108-0PA00-2AA3	31B*
	SCALANCE XC108	6GK5108-0BA00-2AC2	31B
	SCALANCE X112-2	6GK5112-2BB00-2AA3	31
	SCALANCE X116	6GK5116-0BA00-2AA3	31
	SCALANCE XC116	6GK5116-0BA00-2AC2	31B
	SCALANCE X124	6GK5124-0BA00-2AA3	31
	SCALANCE XC124	6GK5124-0BA00-2AC2	31B
	SCALANCE X202-2IRT	6GK5202-2BB00-2BA3	31B*

TYPE APPROVAL CERTIFICATE

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Product name		Order No.: (MLFB)	EC code
SCALANCE X	SCALANCE XF204	6GK5204-0BA00-2AF2	31B*
	SCALANCE X204IRT	6GK5204-0BA00-2BA3	31B*
	SCALANCE XF204IRT	6GK5204-0BA00-2BF2	31B*
	SCALANCE X204RNA EEC	6GK5204-0BS00-2NA3	31
	SCALANCE X204RNA EEC	6GK5204-0BS00-3LA3	31
	SCALANCE X204RNA EEC	6GK5204-0BS00-3PA3	31
	SCALANCE X204 IRT PRO	6GK5204-0JA00-2BA6	31B*
	SCALANCE XF204-2BA IRT +	6GK5204-2AA00-2BD2	31B
SCALANCE X in combination with below mentioned BUSADAPTER	SCALANCE XF204-2BA IRT + with BUSADAPTERS	6AG1193-6AF00-7AA0, 6AG1193-6AR00-7AA0, 6ES7193-6AF00-0AA0, 6ES7193-6AR00-0AA0	
	SCALANCE XF204-2BA (6GK5204-2AA00-2GF2) & SCALANCE XF204-2BA DNA (6GK5204-2AA00-2YF2) With BUSADAPTERS	6ES7193-6AR00-0AA0, 6AG1193-6AF00-7AA0, 6AG1193-6AP00-2AA0, 6AG1193-6AR00-7AA0, 6DL1193-6AF00-0AA0, 6DL1193-6AG00-0AA0, 6DL1193-6AR00-0AA0, 6ES7193-6AF00-0AA0, 6ES7193-6AG00-0AA0, 6ES7193-6AG20-0AA0, 6ES7193-6AG40-0AA0, 6ES7193-6AP00-0AA0, 6ES7193-6AP20-0AA0, 6ES7193-6AP40-0AA0	
SCALANCE X (BUSADAPTER)	BUSADAPTER BA 2X RJ45	6ES7193-6AR00-0AA0	
	BUSADAPTER RJ45 / RJ45	6AG1193-6AR00-7AA0	
	BUSADAPTER 2xRJ45 HA	6DL1193-6AR00-0AA0	
	BUSADAPTER FC / FC	6AG1193-6AF00-7AA0	
	BUSADAPTER BA 2X FC	6ES7193-6AF00-0AA0	
	BUSADAPTER BA 2X FC HA	6DL1193-6AF00-0AA0	
	BUSADAPTER BA 2X SCRJ	6ES7193-6AP00-0AA0	
	BUSADAPTER BA 2X SCRJ	6AG1193-6AP00-2AA0	
	BUSADAPTER BA 2X SCRJ / RJ45	6ES7193-6AP20-0AA0	
	BUSADAPTER BA 2X SCRJ/FC	6ES7193-6AP40-0AA0	
	BUSADAPTER BA 2X LC	6ES7193-6AG00-0AA0	
	BUSADAPTER BA 2X LC HA	6DL1193-6AG00-0AA0	
	BUSADAPTER BA 2X LC / RJ45	6ES7193-6AG20-0AA0	
	BUSADAPTER BA 2X LC / FC	6ES7193-6AG40-0AA0	
SCALANCE X	SCALANCE XF204-2BA	6GK5204-2AA00-2GF2	31B
	SCALANCE XF204-2BA DNA	6GK5204-2AA00-2YF2	31B
	SCALANCE X204-2	6GK5204-2BB10-2AA3	31
	SCALANCE X204-2FM	6GK5204-2BB11-2AA3	31
	SCALANCE XF204-2	6GK5204-2BC00-2AF2	31B*
	SCALANCE X204-2LD TS	6GK5204-2BC10-2CA2	31
	SCALANCE XC206-2	6GK5206-2BB00-2AC2	31B
	SCALANCE XC206-2	6GK5206-2BD00-2AC2	31B
	SCALANCE XC206-2SFP	6GK5206-2BS00-2AC2	31B
	SCALANCE XC206-2G PoE	6GK5206-2RS00-2AC2	

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Product name		Order No.: (MLFB)	EC code
SCALANCE X	SCALANCE XC206-2SFP G	6GK5206-2GS00-2AC2	
	SCALANCE XC206-2SFP G (EIP)	6GK5206-2GS00-2TC2	
	SCALANCE XC206-2SFP G EEC	6GK5206-2GS00-2FC2	
	SCALANCE XF206-1	6GK5206-1BC00-2AF2	31B*
	SCALANCE X208	6GK5208-0BA10-2AA3	31
	SCALANCE XC208	6GK5208-0BA00-2AC2	31B
	SCALANCE XC208G	6GK5208-0GA00-2AC2	
	SCALANCE XC208G PoE	6GK5208-0RA00-2AC2	
	SCALANCE XC208G (EIP)	6GK5208-0GA00-2TC2	
	SCALANCE XC208G EEC	6GK5208-0GA00-2FC2	
	SCALANCE XF208	6GK5208-0BA00-2AF2	31B*
	SCALANCE XP208	6GK5208-0HA00-2AS6	31B*
	SCALANCE XP208 EEC	6GK5208-0HA00-2ES6	31B*
	SCALANCE XP208 EIP	6GK5208-0HA00-2TS6	31B*
	SCALANCE X212-2	6GK5212-2BB00-2AA3	31
	SCALANCE X212-2LD	6GK5212-2BC00-2AA3	31
	SCALANCE X216	6GK5216-0BA00-2AA3	31
	SCALANCE XC216	6GK5216-0BA00-2AC2	2
	SCALANCE XC216-3G PoE	6GK5216-3RS00-2AC2	
	SCALANCE XC216-4C	6GK5216-4BS00-2AC2	
	SCALANCE XC216-4C G	6GK5216-4GS00-2AC2	
	SCALANCE XC216-4C G (EIP)	6GK5216-4GS00-2TC2	
	SCALANCE XC216-4C G EEC	6GK5216-4GS00-2FC2	
	SCALANCE XP216	6GK5216-0HA00-2AS6	31B*
	SCALANCE XP216 EEC	6GK5216-0HA00-2ES6	31B*
	SCALANCE XP216 EIP	6GK5216-0HA00-2TS6	31B*
	SCALANCE X224	6GK5224-0BA00-2AA3	31
	SCALANCE XC224	6GK5224-0BA00-2AC2	31
	SCALANCE XC224-4C G	6GK5224-4GS00-2AC2	
	SCALANCE XC224-4C G (EIP)	6GK5224-4GS00-2TC2	
	SCALANCE XC224-4C G EEC	6GK5224-4GS00-2FC2	
	SCALANCE XCM102	6GK5102-1GS00-2AC2	
	SCALANCE XCH108 PoE	6GK5108-2RS00-2FC2	
	SCALANCE XCM108 PoE	6GK5108-2RS00-2AC2	
	SCALANCE XCM108 PoE	6GK5108-0RA00-2AC2	
	SCALANCE XCM108 PoE	6GK5108-0PA00-2AC2	
	SCALANCE X302-7EEC	6GK5302-7GD00-1EA3	31B*
	SCALANCE X302-7EEC	6GK5302-7GD00-1GA3	31B*
	SCALANCE X302-7EEC	6GK5302-7GD00-2EA3	31B*
	SCALANCE X302-7EEC	6GK5302-7GD00-2GA3	31B*
	SCALANCE X302-7EEC	6GK5302-7GD00-3EA3	31B*
	SCALANCE X302-7EEC	6GK5302-7GD00-3GA3	31B*
	SCALANCE X302-7EEC	6GK5302-7GD00-4EA3	31B*
	SCALANCE X302-7EEC	6GK5302-7GD00-4GA3	31B*
	SCALANCE X304-2FE	6GK5304-2BD00-2AA3	31
	SCALANCE X306-1LD FE	6GK5306-1BF00-2AA3	31B*
	SCALANCE X307-2EEC	6GK5307-2FD00-1EA3	31
	SCALANCE X307-2EEC	6GK5307-2FD00-1GA3	31
	SCALANCE X307-2EEC	6GK5307-2FD00-2EA3	31
	SCALANCE X307-2EEC	6GK5307-2FD00-2GA3	31
	SCALANCE X307-2EEC	6GK5307-2FD00-3EA3	31
	SCALANCE X307-2EEC	6GK5307-2FD00-3GA3	31

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Product name		Order No.: (MLFB)	EC code
SCALANCE X	SCALANCE X307-2EEC	6GK5307-2FD00-4GA3	31
	SCALANCE X307-2EEC	6GK5307-2FD00-4EA3	31
	SCALANCE X307-3	6GK5307-3BL10-2AA3	31
	SCALANCE X307-3LD	6GK5307-3BM10-2AA3	31
	SCALANCE X308-2	6GK5308-2FL10-2AA3	31
	SCALANCE X308-2LD	6GK5308-2FM10-2AA3	31
	SCALANCE X308-2LH	6GK5308-2FN10-2AA3	31
	SCALANCE X308-2LH+	6GK5308-2FP10-2AA3	31
	SCALANCE X308-2M	6GK5308-2GG00-2AA2	31
	SCALANCE X308-2M	6GK5308-2GG10-2AA2	31B
	SCALANCE X308-2M TS	6GK5308-2GG10-2CA2	31B
	SCALANCE X308-2M PoE	6GK5308-2QG00-2AA2	31
	SCALANCE X308-2M POE	6GK5308-2QG10-2AA2	31B
	SCALANCE X310FE	6GK5310-0BA10-2AA3	31
	SCALANCE X310	6GK5310-0FA10-2AA3	31
	SCALANCE X320-1 FE	6GK5320-1BD00-2AA3	31B*
	SCALANCE X320-3 LD	6GK5320-3BF00-2AA3	31B*
	SCALANCE XR324-12M	6GK5324-0GG00-1AR2	31B*
	SCALANCE XR324-12M	6GK5324-0GG10-1AR2	31B*
	SCALANCE XR324-12M	6GK5324-0GG00-1HR2	31B*
	SCALANCE XR324-12M	6GK5324-0GG10-1CR2	31B
	SCALANCE XR324-12M	6GK5324-0GG00-3HR2	31B*
	SCALANCE XR324-12M	6GK5324-0GG10-1HR2	31B
	SCALANCE XR324-12M	6GK5324-0GG10-3AR2	31B*
	SCALANCE XR324-12M	6GK5324-0GG10-3HR2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG00-1ER2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG10-1ER2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG00-1JR2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG10-1JR2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG00-2ER2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG10-2ER2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG00-2JR2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG10-2JR2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG00-3ER2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG10-3ER2	31B
	SCALANCE XR324-4M EEC	6GK5324-4GG00-3JR2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG10-3JR2	31B
	SCALANCE XR324-4M EEC	6GK5324-4GG00-4ER2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG10-4ER2	31B
	SCALANCE XR324-4M EEC	6GK5324-4GG00-4JR2	31B*
	SCALANCE XR324-4M EEC	6GK5324-4GG10-4JR2	31B
	SCALANCE XR324-4M PoE	6GK5324-4QG00-1AR2	31B*
	SCALANCE XR324-4M PoE	6GK5324-4QG10-1AR2	31B*
	SCALANCE XR324-4M PoE	6GK5324-4QG10-1CR2	31B*
	SCALANCE XR324-4M PoE	6GK5324-4QG00-1HR2	31B*
	SCALANCE XR324-4M PoE	6GK5324-4QG10-1HR2	31B*
	SCALANCE XR324-4M PoE	6GK5324-4QG00-3AR2	31B*
	SCALANCE XR324-4M PoE	6GK5324-4QG10-3AR2	31B*

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Product name		Order No.: (MLFB)	EC code
SCALANCE X	SCALANCE XR324-4M PoE	6GK5324-4QG00-3HR2	31B*
	SCALANCE XR324-4M PoE	6GK5324-4QG10-3HR2	31B*
	PORT EXTENDER PE400-8SFP	6GK5400-8AS00-8AP2	31
	PORT EXTENDER PE408	6GK5408-0GA00-8AP2	31
	PORT EXTENDER PE408POE	6GK5408-0PA00-8AP2	31
	SCALANCE XM408-4C	6GK5408-4GP00-2AM2	31
	SCALANCE XM408-4C	6GK5408-4GQ00-2AM2	31
	SCALANCE XM408-8C	6GK5408-8GR00-2AM2	31
	SCALANCE XM408-8C	6GK5408-8GS00-2AM2	31
	SCALANCE XM416-4C	6GK5416-4GR00-2AM2	31
	SCALANCE XM416-4C	6GK5416-4GS00-2AM2	31
	SCALANCE XR524-8C	6GK5524-8GR00-2AR2	31B*
	SCALANCE XR524-8C	6GK5524-8GR00-3AR2	31
	SCALANCE XR524-8C	6GK5524-8GR00-4AR2	31
	SCALANCE XR524-8C	6GK5524-8GS00-2AR2	31B*
	SCALANCE XR524-8C	6GK5524-8GS00-3AR2	31
	SCALANCE XR524-8C	6GK5524-8GS00-4AR2	31
	SCALANCE XR526-8C	6GK5526-8GR00-2AR2	31B*
	SCALANCE XR526-8C	6GK5526-8GR00-3AR2	31B*
	SCALANCE XR526-8C	6GK5526-8GR00-4AR2	31B*
	SCALANCE XR526-8C	6GK5526-8GS00-2AR2	31B*
	SCALANCE XR526-8C	6GK5526-8GS00-3AR2	31B*
	SCALANCE XR526-8C	6GK5526-8GS00-4AR2	31B*
	SCALANCE XR528-6M	6GK5528-0AA00-2AR2	31B*
	SCALANCE XR528-6M	6GK5528-0AA00-2HR2	31B*
	SCALANCE XR528-6M	6GK5528-0AR00-2AR2	31B*
	SCALANCE XR528-6M	6GK5528-0AR00-2HR2	31B*
SCALANCE S	SCALANCE S602	6GK5602-0BA10-2AA3	31B*
	SCALANCE S612	6GK5612-0BA10-2AA3	31B*
	SCALANCE S613	6GK5613-0BA00-2AA3	31B**
	SCALANCE S615	6GK5615-0AA00-2AA2	31B*
	SCALANCE S623	6GK5623-0BA10-2AA3	31B*
	SCALANCE S627-2M	6GK5627-2BA10-2AA3	31B*
	SCALANCE SC632-2C	6GK5632-2GS00-2AC2	31B
	SCALANCE SC632-2C	6GK5632-2GT00-2AC2	31B
	SCALANCE SC636-2C	6GK5636-2GS00-2AC2	31B
	SCALANCE SC636-2C	6GK5636-2GT00-2AC2	31B
	SCALANCE SC642-2C	6GK5642-2GS00-2AC2	31B
	SCALANCE SC642-2C	6GK5642-2GT00-2AC2	31B
	SCALANCE SC646-2C	6GK5646-2GS00-2AC2	31B
	SCALANCE SC646-2C	6GK5646-2GT00-2AC2	31B
	SCALANCE S652-2C	6GK5652-2GS00-2AC2	31B
	SCALANCE S646-2C	6GK5646-2GS00-2AC2	31B
	SCALANCE S656-2C	6GK5656-2GS00-2AC2	31B
	SCALANCE S642-2C	6GK5642-2GS00-2AC2	31B

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Product name		Order No.: (MLFB)	EC code
SCALANCE W (Industrial WLAN)	SCALANCE W734-1 RJ45	6GK5734-1FX00-0AA0	31B
	SCALANCE W734-1 RJ45 USA	6GK5734-1FX00-0AB0	31B
	SCALANCE W738	6GK5738-1GY00-0AA0	31B
	SCALANCE W738 USA	6GK5738-1GY00-0AB0	31B
	SCALANCE W748-1 RJ45	6GK5748-1FC00-0AA0	31B
	SCALANCE W748-1 RJ45 USA	6GK5748-1FC00-0AB0	31B
	SCALANCE W748-1 M12	6GK5748-1GD00-0AA0	31B
	SCALANCE W748-1 M12 (USA)	6GK5748-1GD00-0AB0	31B
	SCALANCE W774-1 RJ45	6GK5774-1FX00-0AA0	31B
	SCALANCE W774-1 RJ45 USA	6GK5774-1FX00-0AB0	31B
	SCALANCE W774-1 M12 EEC	6GK5774-1FY00-0TA0	31B
	SCALANCE W774-1 M12 EEC USA	6GK5774-1FY00-0TB0	31B
	SCALANCE W778	6GK5778-1GY00-0AA0	31B
	SCALANCE W778 USA	6GK5778-1GY00-0AB0	31B
	SCALANCE W778	6GK5778-1GY00-0TA0	31B
	SCALANCE W778 USA	6GK5778-1GY00-0TB0	31B
	SCALANCE W788-1 RJ45	6GK5788-1FC00-0AA0	31B
	SCALANCE W788-1 RJ45 USA	6GK5788-1FC00-0AB0	31B
	SCALANCE W788-1 M12	6GK5788-1GD00-0AA0	31B
	SCALANCE W788-1 M12 USA	6GK5788-1GD00-0AB0	31B
	SCALANCE W788-2 RJ45	6GK5788-2FC00-0AA0	31B
	SCALANCE W788-2 RJ45 USA	6GK5788-2FC00-0AB0	31B
	SCALANCE W788C-2 RJ45	6GK5788-2FC00-1AA0	31B
	SCALANCE W788-2 M12	6GK5788-2GD00-0AA0	31B
	SCALANCE W788-2 M12 USA	6GK5788-2GD00-0AB0	31B
	SCALANCE W788-2 M12 TS	6GK5788-2GD00-0TA0	31B
	SCALANCE W788-2 M12 USA TS	6GK5788-2GD00-0TB0	31B
	SCALANCE W788C-2 M12	6GK5788-2GD00-1AA0	31B
	SCALANCE W788C-2 M12 EEC	6GK5788-2GD00-1TA0	31B
SCALANCE W (ACCESSORY)	POWER SUPPLY PS 791-1PRO	6GK5791-1PS00-0AA6	31B*
	POWER SUPPLY PS791-2AC	6GK5791-2AC00-0AA0	31B*
	IWLAN ANTENNA ANT795-6DC	6GK5795-6DC00-0AA0	31B
	MOUNTING TOOL (ANT795-6MN)	6GK5795-6MN01-0AA6	31B
	IWLAN ANTENNA ANT795-6MN	6GK5795-6MN10-0AA6	31B
	IWLAN ANTENNA ANT795-6MT	6GK5795-6MT00-0AA0	31B
SCALANCE M SCALANCE X (ACCESSORY)	SCALANCE M826-2 SHDSL-Router	6GK5826-2AB00-2AB2	31B
	SFP991-1	6GK5991-1AD00-8AA0	31
	SFP991-1LH+	6GK5991-1AE00-8AA0	31
	SFP991-1LD	6GK5991-1AF00-8AA0	31
	Media module MM991-2 (BFOC)	6GK5991-2AB00-8AA0	31
	Media module MM991-2FM (SC)	6GK5991-2AB01-8AA0	31B
	Media module MM991-2LD (BFOC)	6GK5991-2AC00-8AA0	31
	Media module MM991-2 (SC)	6GK5991-2AD00-8AA0	31
	Media module MM991-2LH+ (SC)	6GK5991-2AE00-8AA0	31
	Media module MM991-2LD (SC)	6GK5991-2AF00-8AA0	31
	Media module MM991-2 (BFOC)	6GK5991-2AH00-8AA0	31B
	Media module MM991-2 (BFOC)	6GK5991-4AB00-8AA0	31
	Media module MM991-2LD (BFOC)	6GK5991-4AC00-8AA0	31

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Product name		Order No.: (MLFB)	EC code
SCALANCE X (ACCESSORY)	SFP992-1	6GK5992-1AL00-8AA0	31
	SFP992-1LD	6GK5992-1AM00-8AA0	31
	SFP992-1LH	6GK5992-1AN00-8AA0	31
	SFP992-1LH+	6GK5992-1AP00-8AA0	31
	SFP992-1ELH	6GK5992-1AQ00-8AA0	31
	Media module MM992-2(SC)	6GK5992-2AL00-8AA0	31
	Media module MM992-2LD (SC)	6GK5992-2AM00-8AA0	31
	Media module MM992-2LH (SC)	6GK5992-2AN00-8AA0	31
	Media module MM992-2LH+(SC)	6GK5992-2AP00-8AA0	31
	Media module MM992-2ELH (SC)	6GK5992-2AQ00-8AA0	31
	Media module MM992-2SFP	6GK5992-2AS00-8AA0	31
	Media module MM992-2CUC(RJ45)	6GK5992-2GA00-8AA0	31
	Media module MM992-2CU (RJ45)	6GK5992-2SA00-8AA0	31
	Media module MM992-2VD	6GK5992-2VA00-8AA0	31B
	Media module MM992-2	6GK5992-4AL00-8AA0	31
	Media module MM992-4LD	6GK5992-4AM00-8AA0	31
	Media module MM992-4SFP	6GK5992-4AS00-8AA0	31
	Media module MM992-4CUC	6GK5992-4GA00-8AA0	31
	Media module MM992-4CU	6GK5992-4SA00-8AA0	31
	SFP993-1	6GK5993-1AT00-8AA0	31
	SFP993-1LD	6GK5993-1AU00-8AA0	31
	SFP993-1LH	6GK5993-1AV00-8AA0	31
Communication Module	CM 1242-5	6GK7242-5DX30-0XE0	31
	CM 1243-5	6GK7243-5DX30-0XE0	31
	CM 1542-1	6GK7542-1AX00-0XE0	31B*
Compact Switch Module	CSM 1277	6GK7277-1AA10-0AA0	31
	CSM 377	6GK7377-1AA00-0AA0	31
Communication Processor	CP 442-1 RNA	6GK7442-1RX00-0XE0	31
	CP 443-1 RNA	6GK7443-1RX00-0XE0	31
	CP 443-1 OPC UA	6GK7443-1UX00-0XE0	31
	CP 443-1 OPC UA	6GK7443-1UX00-0XE1	31

EC-Code:

- 31 (EMC for Power Distribution Zone),
- 31B (EMC for Bridge and Deck Zone),
- 31B* (EMC for Bridge and Deck Zone, if a filter is connected having the following characteristics:
I = 3A, C=2x 0.473µF + 2x4700pF, L=4x 4,7 mH) or
- 31B** (EMC for Bridge and Deck Zone, if a filter is connected having the following characteristics:
I = 3A, C=2x 0.473µF + 2x4700pF, L=4x 4,7 mH and with Ferrit 24Vdc type Würth 74271222)

Documents:

Data sheet for: - 6GK5524-8GR00-2AR2; 6GK5524-8GR00-4AR2; 6GK5526-8GR00-2AR2; 6GK5526-8GS00-4AR2;
 - 6GK5615-0AA00-2AA2; 6GK5795-6DC00-0AA0; 6GK5795-6MN00-0AA6; 6GK5826-2AB00-2AB2; CP443-1-OPC-UA;
 - S642_S652_S646_S656; SCALANCE-X-005; SCALANCE-X-307_308_310; SCALANCE-XC-106_108_116_124;
 - SCALANCE-XC-206_208_216_224; SCALANCE-XP-208_216; data-W778-W738_products; X-200RNA_products;
 - X-300_products; XF-200BA_products; BA 2x RJ45_FC; SCALANCE-X-300M-PoE_products; SCALANCE-X-300M_products;
 Operating Instructions: - A5E01116919B-03; A5E02484068-01; A5E03275845-09; A5E03484065-02;
 - C79000-G8976-C199-02; C79000-G8976-C248-09; C79000-G8976-C270-05; C79000-G8976-C389-01;
 - C79000-G89760-C362-01
 Siemens Catalog n° ST 70: Components for Totally Integrated Automation (1999 -2000-2001-2003)
 Interactive Catalog CA 01, Edition: 10/2009 Products for Automation and Drives
 - BA_SCALANCE-W7x8_76, BA_SCALANCE-W770-W730_76, BA_SCALANCE-X-200_76, BA_SCALANCE-X-200RNA_76,
 - BA_SCALANCE-X-300_76, BA_SCALANCE-XM400_76, BAK_SCALANCE-MM900_76, GH_CM1542-1_76,
 - GH_CP442-1-RNA_76, GH_CP443-1-RNA_0_de-DE, IMH_SCALANCE-S_76_en-S6xx,
 - Technische_Daten_XR524_Vorabversion_eng

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Test reports:

Siemens AG:

- 12-E005046-BM-B01; 15-E006008-BM-D01 dated 10.03.2016; 18-E007261-BM-D01 List of Test reports;
- 6GK5005-0BA10-1AA3_High-Voltage-Test; 6GK5124-0BA00_High-Voltage-Test;
- 6GK5204-2AA00-2YF2_HV-Test; 6GK5308-2FL10_High-Voltage-Test; 6GK5308-2GG10-2AA2_HV-Test;
- 6GK5308-2QG10-2AA2_HV-Test; 6GK5324-0GG10-1AR2_HV-Test; 6GK5324-0GG10-3AR2_HV-Test;
- 6GK5324-4GG10-2ER2_HV-Test; 6GK5324-4GG10-4ER2_HV-Test; 6GK5324-4QG10-1AR2_HV-Test;
- 6GK5324-4QG10-3AR2_HV-Test; BA_SCALANCE-S65x-2C-S64x-2C_76;
- Declaration_SCALANCE_S_2017-03-09; Declaration_X204-2_2017-07-21; Isolation X 204 G1516038;
- EXAMPEL_6GK5308-2FL10_High-Voltage-Test; K004005_01_2011_M_A01/M_B01/M_C01;
- K004327_03_2013_E_A01/K_A01; K004423_03_2013_E_A01; K004510_02_2014_K_A01;
- K004510_03_2014_M_A01; K004525_03_2014_E_A01/K_A01/M_A01; K004578_02_2014_K_A01;
- K004637_01_2014_E_A01/E_A02/K_A01/M_A01; K004637_01_2015_E_A01/E_B01;
- K004637_02_2014_S_A01; K004638_01_2014_E_A01/M_A02; K004638_01_2015_E_A01;
- K004638_02_2014_K_A01; K004638_03; K004685_01_2014_M_B01; K004755_01_2014_E_A01;
- K004759_01_2014_K_A01; K004780_01_2014_K_A01; K004780_01_2015_E_A01/E_A02/M_A01;
- K004781_01_2014_E_A02/K_A01; K004781_01_2015_M_A01; K004829_01_2014_K_A01;
- K004839_01_2014_E_A02/K_A01; K004839_01_2015_M_A01; K004916_01_2015_E_A02/K_A01/M_A01;
- K004941_01_2015_E_E01; K004943_01_2015_E_A01; K004955_01_2015_E_A01/M_A01;
- K004965_01_2015_M_A01; K004975_02_2015_E_A01/E_B01/E_C01/E_E01/K_A01;
- K004975_02_2016_M_A01/B01; K004990_03_2015_E_A02; K004990_04_2015_K_A01;
- K004990_High-Voltage-Test; K005033_01_2015_E_A02/E_B02/K_A01; K005033_02_2015_E_A01/E_B01;
- K005033_02_2016_E_A01/K_A01/M_A01; K005033_04_2015_M_B01; K005076_01_2015_E_A01/M_A01;
- K005085_01_2015_M_A01; K005085_01_2016_E_A01/E_A02/E_A03/K_A01;
- K005103_01_2015_M_A01/M_A03; K005103_01_2016_E_A02/E_B01/K_A01/K_B01;
- K005103_IECEX_2016-03-30; K005198_01_2016_E_A01/K_A01/M_A01/M_B01/M_C01;
- K005198_01_2017_E_A01; K005216_01_2016_M_A01; K005248_01_2017_E_A01; K005248_02_2016_K_A01;
- K005248_02_2017_K_A01/M_B01/M_D01; K005260_01_2016_E_A01/E_B01/E_C01/E_C02/K_A01/M_A02;
- K005260_01_2017_E_A01/E_B01/E_C01/K_A01/K_A02/K_B01/K_C01/K_D01/K_E01/M_A02/M_B02;
- K005316_01_2017_E_A02/E_B01/E_C01/K_A01/K_B01/K_C01/M_A01/M_B01; K005344_01_2016_E_A01;
- K005347_01_2016_K_A01; K005394_01_2017_E_A01/E_B01/K_A01/K_B01/M_A01/M_B01; K4578; K4839;
- K4907; K5198_High-Voltage-Test; K5248_High-Voltage-Test; Klimapruefung_01_13;
- MECHANIK_X307_2608_00_2006M01E; MECHANIK_X310_2614_00_2006M01E; XC200_High-Voltage-Test;
- 17-E007261-BM-A01

ATEX - Certificate:

- KEMA 03ATEX1228X Issue 17 dated 2February 2016; 02 - KEMA 07ATEX0145X Issue 63 dated 16 April 2015;
- DEKRA 11ATEX0060X Issue 9 dated 1 April 2016; 04 - KEMA 10ATEX0166X Issue 11 dated 12 February 2015;
- KEMA 03ATEX1125X Issue 30 dated 11 February 2015; 06 - DEKRA 12ATEX0240X Issue 4 dated 12 February 2015;

IECEX - Certificate:

- IECEX DEK 14.0086X Issue 1 dated 2016-02-02; 08 - IECEX DEK 14.0025X Issue 20 dated 2016-02-18;
- IECEX DEK 14.0026X Issue 4 dated 2015-01-08; 10 - IECEX DEK 14.0088X Issue 0 dated 2015-03-02;
- IECEX DEK 14.0034X Issue 4 dated 2015-02-11; 12 - IECEX DEK 14.0089X Issue 0 dated 2015-02-23;

UL HAZ LOC Certificate:

- UL HAZ LOC E240480 dated 2016-09-17; 14 - UL HAZ LOC E223122 dated 2016-06-20;

FM-CoC Certificate:

- FM 3021907 dated Dec 14 2004; 16 - FM 3002335 dated 15 December 2014;
- FM 3026108 dated Jan 18 2005; 20 - FM 3021908 dated 20 December 2013;
- FM 3029875 dated 10 February 2015; 22 - FM 3045898 dated 7 July 2015;
- FM 3040919 dated 7 October 2013; 24 - FM 3032236 dated 12 June 2009;
- FM 3047741 dated 6 June 2014; 26 - FM 3030671 dated 21 March 2014;
- FM-certificate of complianceFM16US0205X; 31 - FM-certificate of complianceFM16US0217X
- FM-certificate of complianceFM16US0381X

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Remarks:

- The 24V DC power supply lines are to be equipped with surge protection element (Dehn Blitzductor, Type BVT AVD 24 or equivalent).
 - The Scalance M826-2 module is to be supplied via a 24V DC power supply unit in electric battery supplied circuits.
 - Depending on the application, factory acceptance and on-board tests are to be performed in accordance with requirements for category II / III equipment,
 - Wireless data communication used for vessel services (category III) will be specially considered provided the use of the wireless data communication results in an improvement in the safety of the vessel, compared to wired data communication.
- This certificate cancels and replaces the previous one n° ELE017518XG.

HAMBURG December 12, 2022

