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Manufacturer's Manual

SIEMENS SCALANCE

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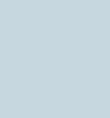
SCALANCE X206-2SFP MANAGED ETHERNET SWITCH

Applicable product family: SCALANCE X-200 managed switches

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		<table><tr><th>Product</th><th colspan="2">Comments</th><th>Electr. ports</th><th>Optical ports</th><th>Article no.¹⁾</th></tr><tr><td colspan="6">SCALANCE XC-200 – User-friendly all-rounders¹⁹⁾</td></tr><tr><td rowspan="2">XC206-2</td><td colspan="2" rowspan="2">Multimode, max. 5 km</td><td rowspan="2">6</td><td>2 × ST/ BFOC</td><td>6GK5206-2BB00-2AC2</td></tr><tr><td>2 × SC</td><td>6GK5206-2BD00-2AC2</td></tr><tr><td>XC206-2SFP</td><td colspan="2">SFPs with 100 Mbit/s or 1 Gbit/s pluggable</td><td>6</td><td>2 × LC</td><td>6GK5206-2BS00-2AC2</td></tr><tr><td rowspan="2">XC206-2SFP G</td><td>PROFINET</td><td rowspan="2">Full Gigabit, 1 Gbit/s-SFPs and active SFPs (100 Mbit/s) pluggable</td><td rowspan="2">6</td><td rowspan="2">2 × LC</td><td>6GK5206-2GS00-2AC2</td></tr><tr><td>EtherNet/IP</td><td>6GK5206-2GS00-2TC2</td></tr><tr><td rowspan="2">XC206-2G PoE</td><td>24 V DC</td><td rowspan="2">6 × PoE-Ports</td><td rowspan="2">6</td><td rowspan="2">2 × LC</td><td>6GK5206-2RS00-2AC2</td></tr><tr><td>54 V DC</td><td>6GK5206-2RS00-5AC2</td></tr><tr><td>XC206-2SFP EEC</td><td colspan="2">Conformal Coating, SFPs with 100 Mbit/s or 1 Gbit/s pluggable</td><td>6</td><td>2 × LC</td><td>6GK5206-2BS00-2FC2</td></tr><tr><td>XC206-2SFP G EEC</td><td colspan="2">Conformal Coating, Full Gigabit, 1 Gbit/s-SFPs and active SFPs (100 Mbit/s) pluggable</td><td>6</td><td>2 × LC</td><td>6GK5206-2GS00-2FC2</td></tr><tr><td>XC206-2G PoE EEC</td><td>54 V DC</td><td>6 × PoE-Ports</td><td>6</td><td>2 × LC</td><td>6GK5206-2RS00-5FC2</td></tr><tr><td>XC208</td><td colspan="2"></td><td>8</td><td></td><td>6GK5208-0BA00-2AC2</td></tr><tr><td rowspan="2">XC208G</td><td>PROFINET</td><td rowspan="2">Full Gigabit</td><td rowspan="2">8</td><td></td><td>6GK5208-0GA00-2AC2</td></tr><tr><td>EtherNet/IP</td><td>6GK5208-0GA00-2TC2</td></tr><tr><td rowspan="2">XC208G PoE</td><td>24 V DC</td><td rowspan="2">6 × PoE-Ports</td><td rowspan="2">8</td><td></td><td>6GK5208-0RA00-2AC2</td></tr><tr><td>54 V DC</td><td>6GK5208-0RA00-5AC2</td></tr><tr><td>XC208EEC</td><td colspan="2">Conformal Coating</td><td>8</td><td></td><td>6GK5208-0BA00-2FC2</td></tr><tr><td>XC208G EEC</td><td colspan="2">Full Gigabit, Conformal Coating</td><td>8</td><td></td><td>6GK5208-0GA00-2FC2</td></tr><tr><td>XC216</td><td colspan="2"></td><td>16</td><td></td><td>6GK5216-0BA00-2AC2</td></tr><tr><td>XC216EEC</td><td colspan="2">Conformal Coating</td><td>16</td><td></td><td>6GK5216-0BA00-2FC2</td></tr><tr><td>XC216-4C</td><td></td><td>1 Gbit/s-SFPs and active SFPs (100 Mbit/s) pluggable</td><td>16</td><td>4 × LC</td><td>6GK5216-4BS00-2AC2</td></tr><tr><td rowspan="2">XC216-4C G</td><td>PROFINET</td><td rowspan="2">Full Gigabit, Combo-Ports, 1 Gbit/s-SFPs and active SFPs (100 Mbit/s) pluggable</td><td>16</td><td>4 × LC</td><td>6GK5216-4GS00-2AC2</td></tr><tr><td>EtherNet/IP</td><td>16</td><td>4 × 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LC	6GK5206-2BS00-2AC2	XC206-2SFP G	PROFINET	Full Gigabit, 1 Gbit/s-SFPs and active SFPs (100 Mbit/s) pluggable	6	2 × LC	6GK5206-2GS00-2AC2	EtherNet/IP	6GK5206-2GS00-2TC2	XC206-2G PoE	24 V DC	6 × PoE-Ports	6	2 × LC	6GK5206-2RS00-2AC2	54 V DC	6GK5206-2RS00-5AC2	XC206-2SFP EEC	Conformal Coating, SFPs with 100 Mbit/s or 1 Gbit/s pluggable		6	2 × LC	6GK5206-2BS00-2FC2	XC206-2SFP G EEC	Conformal Coating, Full Gigabit, 1 Gbit/s-SFPs and active SFPs (100 Mbit/s) pluggable		6	2 × LC	6GK5206-2GS00-2FC2	XC206-2G PoE EEC	54 V DC	6 × PoE-Ports	6	2 × LC	6GK5206-2RS00-5FC2	XC208			8		6GK5208-0BA00-2AC2	XC208G	PROFINET	Full Gigabit	8		6GK5208-0GA00-2AC2	EtherNet/IP	6GK5208-0GA00-2TC2	XC208G PoE	24 V DC	6 × PoE-Ports	8		6GK5208-0RA00-2AC2	54 V DC	6GK5208-0RA00-5AC2	XC208EEC	Conformal Coating		8		6GK5208-0BA00-2FC2	XC208G EEC	Full Gigabit, Conformal Coating		8		6GK5208-0GA00-2FC2	XC216			16		6GK5216-0BA00-2AC2	XC216EEC	Conformal Coating		16		6GK5216-0BA00-2FC2	XC216-4C		1 Gbit/s-SFPs and active SFPs (100 Mbit/s) pluggable	16	4 × LC	6GK5216-4BS00-2AC2	XC216-4C G	PROFINET	Full Gigabit, Combo-Ports, 1 Gbit/s-SFPs and active SFPs (100 Mbit/s) pluggable	16	4 × LC	6GK5216-4GS00-2AC2	EtherNet/IP	16	4 × LC	6GK5216-4GS00-2TC2	XC216-4C G EEC		Conformal Coating, Full Gigabit, Combo-Ports, 1 Gbit/s-SFPs and active SFPs (100 Mbit/s) pluggable	16	4 × LC	6GK5216-4GS00-2FC2	XC224-4C G EEC			24	4 × LC	6GK5224-4GS00-2FC2	XC224-4C G	PROFINET	Full Gigabit, Combo-Ports, 1 Gbit/s-SFPs and active SFPs (100 Mbit/s) pluggable	24	4 × LC	6GK5224-4GS00-2AC2	EtherNet/IP	24	4 × LC	6GK5224-4GS00-2TC2	XC224			24		6GK5224-0BA00-2AC2	Managed / Layer 2		<table><tr><td colspan="6">SCALANCE XF-200 – Powerful and flat</td></tr><tr><td>XF204-2BA¹⁹⁾</td><td>For configuration with 2 × Bus adapter (4 ports in total)</td><td rowspan="4">Conformal Coating</td><td>4²¹⁾</td><td>4²¹⁾</td><td>6GK5204-2AA00-2GF2</td></tr><tr><td>XF204BA</td><td>For configuration with 2 × Bus adapter</td><td>4</td><td></td><td>6GK5204-0BA00-2GF2</td></tr><tr><td>XF204-2BA DNA</td><td>For configuration with 2 × Bus adapter (4 ports in total), “Y-switch” functionality</td><td>4²¹⁾</td><td>4²¹⁾</td><td>6GK5204-2AA00-2YF2</td></tr><tr><td>XF204BA DNA</td><td>For configuration with 2 × Bus adapter, “Y-switch” functionality</td><td>4</td><td></td><td>6GK5204-0BA00-2YF2</td></tr><tr><td>XF204</td><td colspan="2"></td><td>4</td><td></td><td>6GK5204-0BA00-2AF2</td></tr><tr><td>XF204-2</td><td colspan="2">Multimode, max. 5 km</td><td>4</td><td>2 × ST/ BFOC</td><td>6GK5204-2BC00-2AF2</td></tr><tr><td>XF206-1</td><td colspan="2">Multimode, max. 5 km</td><td>6</td><td>1 × ST/ BFOC</td><td>6GK5206-1BC00-2AF2</td></tr><tr><td>XF208</td><td colspan="2"></td><td>8</td><td></td><td>6GK5208-0BA00-2AF2</td></tr></table>	SCALANCE XF-200 – Powerful and flat						XF204-2BA ¹⁹⁾	For configuration with 2 × Bus adapter (4 ports in total)	Conformal Coating	4 ²¹⁾	4 ²¹⁾	6GK5204-2AA00-2GF2	XF204BA	For configuration with 2 × Bus adapter	4		6GK5204-0BA00-2GF2	XF204-2BA DNA	For configuration with 2 × Bus adapter (4 ports in total), “Y-switch” functionality	4 ²¹⁾	4 ²¹⁾	6GK5204-2AA00-2YF2	XF204BA DNA	For configuration with 2 × Bus adapter, “Y-switch” functionality	4		6GK5204-0BA00-2YF2	XF204			4		6GK5204-0BA00-2AF2	XF204-2	Multimode, max. 5 km		4	2 × ST/ BFOC	6GK5204-2BC00-2AF2	XF206-1	Multimode, max. 5 km		6	1 × ST/ BFOC	6GK5206-1BC00-2AF2	XF208			8		6GK5208-0BA00-2AF2		<table><tr><td colspan="6">SCALANCE XP-200 – For use outside of control cabinets¹⁹⁾</td></tr><tr><td rowspan="2">XP208</td><td>PROFINET</td><td rowspan="2"></td><td rowspan="4">IP65, M12</td><td rowspan="2">8</td><td></td><td>6GK5208-0HA00-2AS6</td></tr><tr><td>EtherNet/IP</td><td></td><td>6GK5208-0HA00-2TS6</td></tr><tr><td rowspan="2">XP216</td><td>PROFINET</td><td rowspan="2">4 × 1 Gbit/s</td><td rowspan="2">16</td><td></td><td>6GK5216-0HA00-2AS6</td></tr><tr><td>EtherNet/IP</td><td></td><td>6GK5216-0HA00-2TS6</td></tr><tr><td>XP208EEC</td><td>PROFINET</td><td></td><td rowspan="5">IP65, M12, Conformal Coating</td><td>8</td><td></td><td>6GK5208-0HA00-2ES6</td></tr><tr><td>XP208PoE EEC</td><td>PROFINET</td><td>Power-over-Ethernet</td><td>8</td><td></td><td>6GK5208-0UA00-5ES6</td></tr><tr><td>XP216EEC</td><td>PROFINET</td><td>4 × 1 Gbit/s</td><td>16</td><td></td><td>6GK5216-0HA00-2ES6</td></tr><tr><td>XP216PoE EEC</td><td>PROFINET</td><td>Power-over-Ethernet, 4 × 1 Gbit/s</td><td>16</td><td></td><td>6GK5216-0UA00-5ES6</td></tr></table>	SCALANCE XP-200 – For use outside of control cabinets ¹⁹⁾						XP208	PROFINET		IP65, M12	8		6GK5208-0HA00-2AS6	EtherNet/IP		6GK5208-0HA00-2TS6	XP216	PROFINET	4 × 1 Gbit/s	16		6GK5216-0HA00-2AS6	EtherNet/IP		6GK5216-0HA00-2TS6	XP208EEC	PROFINET		IP65, M12, Conformal Coating	8		6GK5208-0HA00-2ES6	XP208PoE EEC	PROFINET	Power-over-Ethernet	8		6GK5208-0UA00-5ES6	XP216EEC	PROFINET	4 × 1 Gbit/s	16		6GK5216-0HA00-2ES6	XP216PoE EEC	PROFINET	Power-over-Ethernet, 4 × 1 Gbit/s	16		6GK5216-0UA00-5ES6		<table><tr><td colspan="6">SCALANCE XB-200 – More functions in less space¹⁹⁾</td></tr><tr><td rowspan="2">XB205-3</td><td>PROFINET</td><td rowspan="4">Multimode, max. 5 km</td><td rowspan="4"></td><td>5</td><td rowspan="2">3 × SC</td><td>6GK5205-3BD00-2AB2</td></tr><tr><td>EtherNet/IP</td><td>5</td><td>6GK5205-3BD00-2TB2</td></tr><tr><td rowspan="2">XB205-3</td><td>PROFINET</td><td>5</td><td rowspan="2">3 × ST/ BFOC</td><td>6GK5205-3BB00-2AB2</td></tr><tr><td>EtherNet/IP</td><td>5</td><td>6GK5205-3BB00-2TB2</td></tr><tr><td rowspan="2">XB205-3LD</td><td>PROFINET</td><td rowspan="2">Long-distance, singlemode, max. 26 km</td><td rowspan="2"></td><td>5</td><td rowspan="2">3 × SC</td><td>6GK5205-3BF00-2AB2</td></tr><tr><td>EtherNet/IP</td><td>5</td><td>6GK5205-3BF00-2TB2</td></tr><tr><td rowspan="2">XB208</td><td>PROFINET</td><td rowspan="2"></td><td rowspan="2"></td><td>8</td><td></td><td>6GK5208-0BA00-2AB2</td></tr><tr><td>EtherNet/IP</td><td>8</td><td></td><td>6GK5208-0BA00-2TB2</td></tr><tr><td rowspan="2">XB216</td><td>PROFINET</td><td rowspan="2"></td><td rowspan="2"></td><td>16</td><td></td><td>6GK5216-0BA00-2AB2</td></tr><tr><td>EtherNet/IP</td><td>16</td><td></td><td>6GK5216-0BA00-2TB2</td></tr><tr><td rowspan="2">XB213-3</td><td>PROFINET</td><td rowspan="4">Multimode, max. 5 km</td><td rowspan="4"></td><td>13</td><td rowspan="2">3 × SC</td><td>6GK5213-3BD00-2AB2</td></tr><tr><td>EtherNet/IP</td><td>13</td><td>6GK5213-3BD00-2TB2</td></tr><tr><td rowspan="2">XB213-3</td><td>PROFINET</td><td>13</td><td rowspan="2">3 × ST/ BFOC</td><td>6GK5213-3BB00-2AB2</td></tr><tr><td>EtherNet/IP</td><td>13</td><td>6GK5213-3BB00-2TB2</td></tr><tr><td rowspan="2">XB213-3LD</td><td>PROFINET</td><td rowspan="2">Long-distance, singlemode, max. 26 km</td><td rowspan="2"></td><td>13</td><td rowspan="2">3 × SC</td><td>6GK5213-3BF00-2AB2</td></tr><tr><td>EtherNet/IP</td><td>13</td><td>6GK5213-3BF00-2TB2</td></tr></table>	SCALANCE XB-200 – More functions in less space ¹⁹⁾						XB205-3	PROFINET	Multimode, max. 5 km		5	3 × SC	6GK5205-3BD00-2AB2	EtherNet/IP	5	6GK5205-3BD00-2TB2	XB205-3	PROFINET	5	3 × ST/ BFOC	6GK5205-3BB00-2AB2	EtherNet/IP	5	6GK5205-3BB00-2TB2	XB205-3LD	PROFINET	Long-distance, singlemode, max. 26 km		5	3 × SC	6GK5205-3BF00-2AB2	EtherNet/IP	5	6GK5205-3BF00-2TB2	XB208	PROFINET			8		6GK5208-0BA00-2AB2	EtherNet/IP	8		6GK5208-0BA00-2TB2	XB216	PROFINET			16		6GK5216-0BA00-2AB2	EtherNet/IP	16		6GK5216-0BA00-2TB2	XB213-3	PROFINET	Multimode, max. 5 km		13	3 × SC	6GK5213-3BD00-2AB2	EtherNet/IP	13	6GK5213-3BD00-2TB2	XB213-3	PROFINET	13	3 × ST/ BFOC	6GK5213-3BB00-2AB2	EtherNet/IP	13	6GK5213-3BB00-2TB2	XB213-3LD	PROFINET	Long-distance, singlemode, max. 26 km		13	3 × SC	6GK5213-3BF00-2AB2	EtherNet/IP	13	6GK5213-3BF00-2TB2		<table><tr><td colspan="6">SCALANCE X-200IRT – Operating in hard real-time</td></tr><tr><td>X200-4P IRT</td><td colspan="2">POF/PCF</td><td rowspan="13">PROFINET with IRT real-time property</td><td></td><td>4 × SC RJ</td><td>6GK5200-4AH00-2BA3</td></tr><tr><td>X201-3P IRT</td><td colspan="3">POF/PCF</td><td>1</td><td>3 × SC RJ</td><td>6GK5201-3BH00-2BA3</td></tr><tr><td>X202-2IRT</td><td colspan="3"></td><td>2</td><td>2 × ST/ BFOC</td><td>6GK5202-2BB00-2BA3</td></tr><tr><td>X202-2P IRT</td><td colspan="3">POF/PCF</td><td>2</td><td>2 × SC RJ</td><td>6GK5202-2BH00-2BA3</td></tr><tr><td>X202-2P IRT PRO</td><td colspan="3">POF/PCF, IP65, Push Pull</td><td>2</td><td>2 × SC RJ</td><td>6GK5202-2JR00-2BA6</td></tr><tr><td>X201-3P IRT PRO</td><td colspan="3">POF/PCF, IP65, Push Pull</td><td>1</td><td>3 × SC RJ</td><td>6GK5201-3JR00-2BA6</td></tr><tr><td>X204IRT</td><td colspan="3"></td><td>4</td><td></td><td>6GK5204-0BA00-2BA3</td></tr><tr><td>X204IRT PRO</td><td colspan="3">IP65, Push Pull</td><td>4</td><td></td><td>6GK5204-0JA00-2BA6</td></tr><tr><td>XF204IRT</td><td colspan="3"></td><td>4</td><td></td><td>6GK5204-0BA00-2BF2</td></tr><tr><td>XF204-2BA IRT</td><td colspan="3">For configuration with 2 × Bus adapter (4 ports in total)</td><td></td><td></td><td>6GK5204-2AA00-2BD2</td></tr><tr><td>XF201-3P IRT</td><td colspan="3">Delivered with 2 × Bus adapter</td><td>1</td><td>3 × SC RJ</td><td>6GK5201-3BH00-2BD2</td></tr><tr><td>XF202-2P IRT</td><td colspan="3">Delivered with 2 × Bus adapter</td><td>2</td><td>2 × SC RJ</td><td>6GK5202-2BH00-2BD2</td></tr></table>	SCALANCE X-200IRT – Operating in hard real-time						X200-4P IRT	POF/PCF		PROFINET with IRT real-time property		4 × SC RJ	6GK5200-4AH00-2BA3	X201-3P IRT	POF/PCF			1	3 × SC RJ	6GK5201-3BH00-2BA3	X202-2IRT				2	2 × ST/ BFOC	6GK5202-2BB00-2BA3	X202-2P IRT	POF/PCF			2	2 × SC RJ	6GK5202-2BH00-2BA3	X202-2P IRT PRO	POF/PCF, IP65, Push Pull			2	2 × SC RJ	6GK5202-2JR00-2BA6	X201-3P IRT PRO	POF/PCF, IP65, Push Pull			1	3 × SC RJ	6GK5201-3JR00-2BA6	X204IRT				4		6GK5204-0BA00-2BA3	X204IRT PRO	IP65, Push Pull			4		6GK5204-0JA00-2BA6	XF204IRT				4		6GK5204-0BA00-2BF2	XF204-2BA IRT	For configuration with 2 × Bus adapter (4 ports in total)					6GK5204-2AA00-2BD2	XF201-3P IRT	Delivered with 2 × Bus adapter			1	3 × SC RJ	6GK5201-3BH00-2BD2	XF202-2P IRT	Delivered with 2 × Bus adapter			2	2 × SC RJ	6GK5202-2BH00-2BD2		<table><tr><td colspan="6">SCALANCE XR-300WG – 19” Work Group Switch¹⁹⁾ with low installation depth</td></tr><tr><td rowspan="2">XR324WG</td><td colspan="2">24 V DC</td><td rowspan="2"></td><td rowspan="2">24</td><td></td><td>6GK5324-0BA00-2AR3</td></tr><tr><td colspan="4">100-240 V AC</td><td></td><td>6GK5324-0BA00-3AR3</td></tr><tr><td rowspan="2">XR326-2C PoE WG</td><td colspan="2" rowspan="2">100-240 V AC, 24 × PoE-Ports</td><td>Combo-Ports, Full Gigabit, PoE, 2 × 10 Gbit/s</td><td rowspan="2">26</td><td rowspan="2">2¹⁶⁾</td><td>6GK5326-2QS00-3AR3</td></tr><tr><td>Combo-Ports, Full Gigabit, PoE, 2 × 10 Gbit/s, w/o cULus</td><td>6GK5326-2QS00-3RR3</td></tr><tr><td rowspan="6">XR328-4C WG²¹⁾</td><td colspan="2">24 V DC</td><td rowspan="2">Combo-Ports, 4 × 1 Gbit/s</td><td>28</td><td>4¹⁶⁾</td><td>6GK5328-4FS00-2AR3</td></tr><tr><td colspan="3">100-240 V AC</td><td>28</td><td>4¹⁶⁾</td><td>6GK5328-4FS00-3AR3</td></tr><tr><td colspan="2">24 V DC</td><td rowspan="2">Combo-Ports, 4 × 1 Gbit/s, w/o cULus</td><td>28</td><td>4¹⁶⁾</td><td>6GK5328-4FS00-2RR3</td></tr><tr><td colspan="3">100-240 V AC</td><td>28</td><td>4¹⁶⁾</td><td>6GK5328-4FS00-3RR3</td></tr><tr><td colspan="2">24 V DC</td><td rowspan="2">Full Gigabit, Combo-Ports</td><td>28</td><td>4¹⁶⁾</td><td>6GK5328-4SS00-2AR3</td></tr><tr><td colspan="3">100-240 V AC</td><td>28</td><td>4¹⁶⁾</td><td>6GK5328-4SS00-3AR3</td></tr></table>	SCALANCE XR-300WG – 19” Work Group Switch ¹⁹⁾ with low installation depth						XR324WG	24 V DC			24		6GK5324-0BA00-2AR3	100-240 V AC					6GK5324-0BA00-3AR3	XR326-2C PoE WG	100-240 V AC, 24 × PoE-Ports		Combo-Ports, Full Gigabit, PoE, 2 × 10 Gbit/s	26	2 ¹⁶⁾	6GK5326-2QS00-3AR3	Combo-Ports, Full Gigabit, PoE, 2 × 10 Gbit/s, w/o cULus	6GK5326-2QS00-3RR3	XR328-4C WG ²¹⁾	24 V DC		Combo-Ports, 4 × 1 Gbit/s	28	4 ¹⁶⁾	6GK5328-4FS00-2AR3	100-240 V AC			28	4 ¹⁶⁾	6GK5328-4FS00-3AR3	24 V DC		Combo-Ports, 4 × 1 Gbit/s, w/o cULus	28	4 ¹⁶⁾	6GK5328-4FS00-2RR3	100-240 V AC			28	4 ¹⁶⁾	6GK5328-4FS00-3RR3	24 V DC		Full Gigabit, Combo-Ports	28	4 ¹⁶⁾	6GK5328-4SS00-2AR3	100-240 V AC			28	4 ¹⁶⁾	6GK5328-4SS00-3AR3		<table><tr><td colspan="6">SCALANCE XR-300 – Flexible and modular in 19” design</td></tr><tr><td>XR324-12M TS</td><td colspan="2">24 V DC, railway approval</td><td rowspan="2">Fully modular, Full Gigabit</td><td>24¹⁵⁾</td><td>24¹⁵⁾</td><td>6GK5324-0GG10-1CR2¹⁸⁾</td></tr><tr><td rowspan="2">XR324-12M</td><td colspan="3">24 V DC</td><td rowspan="2">24¹⁵⁾</td><td rowspan="2">24¹⁵⁾</td><td>6GK5324-0GG10-1AR2¹⁸⁾</td></tr><tr><td colspan="5">110-240 V AC</td><td>6GK5324-0GG10-3AR2¹⁸⁾</td></tr><tr><td rowspan="2">XR324-4M PoE</td><td colspan="2">24 V DC, Power-over-Ethernet</td><td rowspan="4">Partly modular, Full Gigabit</td><td rowspan="2">24¹⁵⁾</td><td rowspan="2">8¹⁵⁾</td><td>6GK5324-4QG10-1AR2¹⁸⁾</td></tr><tr><td colspan="5">110-240 V AC, Power-over-Ethernet</td><td>6GK5324-4QG10-3AR2¹⁸⁾</td></tr><tr><td rowspan="2">XR324-4M PoE TS</td><td colspan="3" rowspan="2">24 V DC, Power-over-Ethernet, railway approval</td><td rowspan="2">24¹⁵⁾</td><td rowspan="2">8¹⁵⁾</td><td>6GK5324-4QG10-1CR2¹⁸⁾</td></tr></table>	SCALANCE XR-300 – Flexible and modular in 19” design						XR324-12M TS	24 V DC, railway approval		Fully modular, Full Gigabit	24 ¹⁵⁾	24 ¹⁵⁾	6GK5324-0GG10-1CR2 ¹⁸⁾	XR324-12M	24 V DC			24 ¹⁵⁾	24 ¹⁵⁾	6GK5324-0GG10-1AR2 ¹⁸⁾	110-240 V AC					6GK5324-0GG10-3AR2 ¹⁸⁾	XR324-4M PoE	24 V DC, Power-over-Ethernet		Partly modular, Full Gigabit	24 ¹⁵⁾	8 ¹⁵⁾	6GK5324-4QG10-1AR2 ¹⁸⁾	110-240 V AC, Power-over-Ethernet					6GK5324-4QG10-3AR2 ¹⁸⁾	XR324-4M PoE TS	24 V DC, Power-over-Ethernet, railway approval			24 ¹⁵⁾	8 ¹⁵⁾	6GK5324-4QG10-1CR2 ¹⁸⁾		<table><tr><td colspan="6">SCALANCE XR-300EEC – Modular for harsh environments</td></tr><tr><td rowspan="4">XR324-4M EEC</td><td colspan="2">1 × 24 V DC</td><td rowspan="4">Partly modular, Full Gigabit, extended temperature range</td><td rowspan="4">24¹⁵⁾</td><td rowspan="4">8¹⁵⁾</td><td>6GK5324-4GG10-1ER2¹⁸⁾</td></tr><tr><td colspan="5">2 × 24 V DC</td><td>6GK5324-4GG10-2ER2¹⁸⁾</td></tr><tr><td colspan="5">1 × 100-240 AC / 60-250 V DC</td><td>6GK5324-4GG10-3ER2¹⁸⁾</td></tr><tr><td colspan="5">2 × 100-240 AC / 60-250 V DC</td><td>6GK5324-4GG10-4ER2¹⁸⁾</td></tr></table>	SCALANCE XR-300EEC – Modular for harsh environments						XR324-4M EEC	1 × 24 V DC		Partly modular, Full Gigabit, extended temperature range	24 ¹⁵⁾	8 ¹⁵⁾	6GK5324-4GG10-1ER2 ¹⁸⁾	2 × 24 V DC					6GK5324-4GG10-2ER2 ¹⁸⁾	1 × 100-240 AC / 60-250 V DC					6GK5324-4GG10-3ER2 ¹⁸⁾	2 × 100-240 AC / 60-250 V DC					6GK5324-4GG10-4ER2 ¹⁸⁾		<table><tr><td colspan="5">SCALANCE X-400 – Powerful plant networking²⁰⁾</td><td>6GK5904-0PA00</td></tr><tr><td>KEY-PLUG XM-400</td><td colspan="4">For SCALANCE XM-400, enables Layer 3 functions</td><td></td></tr><tr><td rowspan="2">XM408-4C</td><td colspan="2">Layer 2</td><td rowspan="6">Modular, Full Gigabit</td><td rowspan="4">24¹⁷⁾¹⁸⁾</td><td>4 × ST/ BFOC or SC¹⁶⁾¹⁷⁾</td><td>6GK5408-4GP00-2AM2</td></tr><tr><td colspan="4">Layer 3 integrated</td><td>16 × LC¹⁶⁾¹⁷⁾</td><td>6GK5408-4GQ00-2AM2</td></tr><tr><td rowspan="2">XM408-8C</td><td colspan="2">Layer 2</td><td rowspan="2">24 × LC¹⁶⁾¹⁷⁾</td><td></td><td>6GK5408-8GS00-2AM2</td></tr><tr><td colspan="4">Layer 3 integrated</td><td>6GK5408-8GR00-2AM2</td></tr><tr><td rowspan="2">XM416-4C</td><td colspan="3">Layer 2</td><td rowspan="2">12 × LC¹⁶⁾¹⁷⁾</td><td></td><td>6GK5416-4GS00-2AM2</td></tr><tr><td colspan="4">Layer 3 integrated</td><td>6GK5416-4GR00-2AM2</td></tr></table>	SCALANCE X-400 – Powerful plant networking ²⁰⁾					6GK5904-0PA00	KEY-PLUG XM-400	For SCALANCE XM-400, enables Layer 3 functions					XM408-4C	Layer 2		Modular, Full Gigabit	24 ¹⁷⁾¹⁸⁾	4 × ST/ BFOC or SC ¹⁶⁾¹⁷⁾	6GK5408-4GP00-2AM2	Layer 3 integrated				16 × LC ¹⁶⁾¹⁷⁾	6GK5408-4GQ00-2AM2	XM408-8C	Layer 2		24 × LC ¹⁶⁾¹⁷⁾		6GK5408-8GS00-2AM2	Layer 3 integrated				6GK5408-8GR00-2AM2	XM416-4C	Layer 2			12 × LC ¹⁶⁾¹⁷⁾		6GK5416-4GS00-2AM2	Layer 3 integrated				6GK5416-4GR00-2AM2		<table><tr><td colspan="6">SCALANCE X-500 – Structuring highly performant plant networks and connecting corporate IT¹⁹⁾</td><td>6GK5905-0PA00</td></tr><tr><td>KEY-PLUG X-500</td><td colspan="4">For SCALANCE X-500, enables Layer 3 functions</td><td></td><td></td></tr><tr><td>XR524-8C</td><td rowspan="3"></td><td colspan="2">24 V DC</td><td rowspan="6">1 height unit (HU), Full Gigabit</td><td rowspan="6">24¹⁶⁾</td><td rowspan="6">8¹⁶⁾</td><td>6GK5524-8GS00-2AR2</td></tr><tr><td>XR524-8C</td><td colspan="2">110-240 V AC</td><td>6GK5524-8GS00-3AR2</td></tr><tr><td>XR524-8C</td><td colspan="2">2 × 110-240 V AC</td><td>6GK5524-8GS00-4AR2</td></tr><tr><td>XR524-8C</td><td colspan="2">24 V DC</td><td>6GK5524-8GR00-2AR2</td></tr><tr><td>XR524-8C</td><td colspan="2">110-240 V AC</td><td>6GK5524-8GR00-3AR2</td></tr><tr><td>XR524-8C</td><td colspan="2">2 × 110-240 V AC</td><td>6GK5524-8GR00-4AR2</td></tr><tr><td>XR526-8C</td><td rowspan="3"></td><td colspan="2">24 V DC, redundant</td><td rowspan="6">1 HU, Full Gigabit 2 × 10 Gbit/s</td><td rowspan="6">24¹⁶⁾</td><td rowspan="6">10¹⁶⁾</td><td>6GK5526-8GS00-2AR2</td></tr><tr><td>XR526-8C</td><td colspan="2">230 V AC</td><td>6GK5526-8GS00-3AR2</td></tr><tr><td>XR526-8C</td><td colspan="2">230 V AC, redundant</td><td>6GK5526-8GS00-4AR2</td></tr><tr><td>XR526-8C</td><td colspan="2">24 V DC, redundant</td><td>6GK5526-8GR00-2AR2</td></tr><tr><td>XR526-8C</td><td colspan="2">230 V AC</td><td>6GK5526-8GR00-3AR2</td></tr><tr><td>XR526-8C</td><td colspan="2">230 V AC, redundant</td><td>6GK5526-8GR00-4AR2</td></tr><tr><td>XR528-6M</td><td>Layer 2</td><td colspan="2"></td><td rowspan="2">2 HU, Fully modular, Full Gigabit, 4 × 10 Gbit/s</td><td rowspan="2">24¹⁵⁾</td><td rowspan="2">28¹⁵⁾</td><td>6GK5528-0AA00-2AR2¹⁸⁾</td></tr><tr><td>XR528-6M</td><td colspan="2">Layer 3 integrated</td><td>6GK5528-0AR00-2AR2¹⁸⁾</td></tr><tr><td rowspan="2">XR552-12M</td><td>Layer 2</td><td colspan="2"></td><td rowspan="2">3 HU, Fully modular, Full Gigabit, 4 × 10 Gbit/s</td><td rowspan="2">48¹⁵⁾</td><td rowspan="2">52¹⁵⁾</td><td>6GK5552-0AA00-2AR2¹⁸⁾</td></tr><tr><td colspan="2">Layer 3 integrated</td><td>6GK5552-0AR00-2AR2¹⁸⁾</td></tr></table>	SCALANCE X-500 – Structuring highly performant plant networks and connecting corporate IT ¹⁹⁾						6GK5905-0PA00	KEY-PLUG X-500	For SCALANCE X-500, enables Layer 3 functions						XR524-8C		24 V DC		1 height unit (HU), Full Gigabit	24 ¹⁶⁾	8 ¹⁶⁾	6GK5524-8GS00-2AR2	XR524-8C	110-240 V AC		6GK5524-8GS00-3AR2	XR524-8C	2 × 110-240 V AC		6GK5524-8GS00-4AR2	XR524-8C	24 V DC		6GK5524-8GR00-2AR2	XR524-8C	110-240 V AC		6GK5524-8GR00-3AR2	XR524-8C	2 × 110-240 V AC		6GK5524-8GR00-4AR2	XR526-8C		24 V DC, redundant		1 HU, Full Gigabit 2 × 10 Gbit/s	24 ¹⁶⁾	10 ¹⁶⁾	6GK5526-8GS00-2AR2	XR526-8C	230 V AC		6GK5526-8GS00-3AR2	XR526-8C	230 V AC, redundant		6GK5526-8GS00-4AR2	XR526-8C	24 V DC, redundant		6GK5526-8GR00-2AR2	XR526-8C	230 V AC		6GK5526-8GR00-3AR2	XR526-8C	230 V AC, redundant		6GK5526-8GR00-4AR2	XR528-6M	Layer 2			2 HU, Fully modular, Full Gigabit, 4 × 10 Gbit/s	24 ¹⁵⁾	28 ¹⁵⁾	6GK5528-0AA00-2AR2 ¹⁸⁾	XR528-6M	Layer 3 integrated		6GK5528-0AR00-2AR2 ¹⁸⁾	XR552-12M	Layer 2			3 HU, Fully modular, Full Gigabit, 4 × 10 Gbit/s	48 ¹⁵⁾	52 ¹⁵⁾	6GK5552-0AA00-2AR2 ¹⁸⁾	Layer 3 integrated		6GK5552-0AR00-2AR2 ¹⁸⁾	
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XR326-2C PoE WG	100-240 V AC, 24 × PoE-Ports		Combo-Ports, Full Gigabit, PoE, 2 × 10 Gbit/s	26	2 ¹⁶⁾	6GK5326-2QS00-3AR3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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SCALANCE X-500 – Structuring highly performant plant networks and connecting corporate IT ¹⁹⁾						6GK5905-0PA00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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1) Current ordering data can be found on the Internet at: www.siemens.com/industrymall Conditions of sale and delivery can be found at: www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
15) Dependent on the media module used 16) Dependent on the comboport used 17) Dependent on the port extender used 18) Cable outlet at front; variants with cable outlet at rear are also available 19) Alternate use of PROFINET or EtherNet/IP diagnostics 20) Dependent on the bus adapter used 21) 1 Gbit/s-SFPs and active SFPs (100 Mbit/s) pluggable																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										