



# Data Sheet

# RS to Siemens cross reference numbers

1. Control gear
2. Programmable logic controllers
3. Lighting
4. Suppressors
5. Opto-electronics, indicators

## 1. Control gear

### 1.1 3TF motor control gear

#### Contactors '3TF' range

RS stock no.	Siemens part no.
314-006	3TF3010-0AB0
314-012	3TF3010-0AF0
314-028	3TF3010-0AU0
314-034	3TF3110-0AB0
314-040	3TF3110-0AF0
304-056	3TF3110-0AU0
314-062	3TF3200-0AB0
314-078	3TF3200-0AF0
314-084	3TF3200-0AU0
314-090	3TF3300-0AB0
314-107	3TF3300-0AF0
314-113	3TF3300-0AU0
314-129	3TF3400-0AB0
314-135	3TF3400-0AF0
314-141	3TF3400-0AU0

#### Overloads '3TF' range

RS stock no.	Siemens part no.
314-157	3UA50 00 03
314-163	3UA50 00 1A
314-179	3UA50 00 1C
314-185	3UA50 00 1E
314-191	3UA50 00 1G
314-208	3UA50 00 1J
314-214	3UA50 00 2S
314-220	3UA52 00 1J
314-236	3UA52 00 2A
314-242	3UA52 00 2C
314-258	3UA55 00 2C
314-264	3UA55 00 2Q
314-270	3UA55 00 8M

#### Mechanical interlock '3TF' range

RS stock no.	Siemens part no.
314-309	3TX4091-1A

#### Auxiliary contact block '3TF' range

RS stock no.	Siemens part no.
314-286	3TX4010-2A
314-292	3TX4001-2A

#### ON - delay timers '3TF' range

RS stock no.	Siemens part no.
314-315	7PX7040-7CF30
314-321	7PX7040-7CJ30
314-337	7PX7040-7CN20

## 1.2 3VU 13 manual motor starters

### Motor circuit breakers

RS stock no.	Siemens part no.
326-879	3VU1300-1MF00
326-885	3VU1300-1MG00
326-891	3VU1300-1MH00
326-908	3VU1300-1MJ00
326-914	3VU1300-1MK00
326-920	3VU1300-1ML00
326-936	3VU1300-1MM00
326-942	3VU9131-3AA00
326-958	3VU9132-0AA14
326-964	3VU9132-0AA16

## 2. Programmable logic controllers (PLCs)

## S5 range

Product	RS stock no.	Siemens part no.	Description and features
Stand alone block	628-872	6ES5 090-8MA21	S5-90U PLC
	628-951	6ES5 095-8MA21	S5-95U PLC
Central processing unit	628-002	6ES5100-8MA22	CPU100
	628-018	6ES5 102-8MA22	CPU102
	628-024	6ES5 103-8MA22	CPU103

Description	RS stock no.	Siemens part no.	Features
Power supply modules	628-282	6ES5 930-8MD11	PS930 supply voltage 110/240Vac output current 0.8/24Vdc
	628-298	6ES5 931-8MD11	PS931 supply voltage 110/240Vac output current 2.0A/24Vdc
	410-586	6EP1332-ISH11	Supply voltage 120/230Vac, 24Vdc 2.5A
	410-592	6EP1332-ISH12	Supply voltage 120/230Vac, 24Vdc 4A
Digital input modules	628-377	6ES5 421-8MA12	8 × 24Vdc non-isolated
	628-103	6ES5 431-8MA11	8 × 24Vdc isolated
	628-125	6ES5 431-8MC11	8 × 110Vac isolated
	628-131	6ES5 431-8MD11	8 × 240Vac isolated
Digital output modules	628-147	6ES5 441-8MA11	8 × 24Vdc, 0.5A at 60°C, 1A at 30°C, non-isolated
	628-153	6ES5 451-8MD11	8 × 110/240Vac, 0.5A isolated
Relay output modules	628-169	6ES5 452-8MR11	4 × 30Vdc relays, 2.5A; 240Vac, 5A (resistive loads)
	628-462	6ES5 451-8MR12	8 × 30Vdc relays, 1.5A; 240Vac, 3A (resistive loads) – requires connector <b>RS</b> stock no. 628-478
Digital input/output module	628-456	6ES5 482-8MA11	16 × inputs, 24Vdc, 8 × outputs, 24Vdc; 0.1A, 8 × outputs, 24Vdc, 0.5A – requires connector <b>RS</b> stock no. 628-478
Analogue input modules	628-181	6ES5 464-8MC11	4 × ±10V isolated
	628-197	6ES5 464-8ME11	4 × 4-20mA isolated
Analogue output modules	628-204	6ES5 470-8MA11	2 × ±10V isolated
	628-383	6ES5 470-8MC11	2 × 4 to 20mA isolated
Function modules	628-175	6ES5 461-8MA11	Comparator module 2 × 0.5-20mA; 0.5-10Vdc
	628-080	6ES5 380-8MA11	Timer module 2 × 0.3-300s
	628-096	6ES5 385-8MA11	Counter module 2 × 0-500Hz
	628-305	6ES5 385-8MB11	Counter/Positioning module, 0-25kHz at 24Vdc, 0-500kHz at 5Vdc
	628-260	6ES5 788-8MA11	Simulator digital input/output signals
	628-399	6ES5 521-8MA11	Printer output module
	628-822	6ES5 330-8MA11	Bus diagnostics module
Software	628-973	6ES5 886 0MA23	S5 Ladder 90 programming software IBM® or compatible PC for S5-90U
	628-989	6ES5 866-0MB23	S5 Ladder 90 programming software for IBM® or compatible PC for S5-90U, 95U and 100U PLCs
	195-9824	6ES5 866-OMA02	Step S5 programming software
	198-7497	6ES5 998-OMA02	Step S5 software manual
Programmiers	628-210	6ES5 605-0UB12	605U hand-held programming panel
	628-226	6ES5 615-0UA11	615U hand-held programming panel
	629-572	6EA1710 1AA002AA1	PG710-1 PC laptop programmer
	195-9824	6ES5 866 0MA02	S5 Step 5 programming software for S5-90U to S5-100U plcs
	628-967	6ES5 734-IBD20	Interface cable for S5 software between S5 PLC and PC
Operator panel	628-434	6ES5 393-0UA13	OP393-II hand-held operator panel
Accessories	628-333	6ES5 998-0UB22	100U manual (100, 102 and 103 CPUs)
	628-349	6ES5 998-0UP21	605U manual
	628-355	6ES5 998-0UR21	615U manual
	628-428	E80850 L1101-XA1	S5100U system video (VHS)
	628-248	6ES5 710-8MA21	530mm special DIN rail (for 600mm cabinets)
	628-052	6ES5 375-0LC11	1K statement EEPROM module
	628-361	6ES5 375-0LC21	2K statement EEPROM module
	628-068	6ES5 375-0LC31	4K statement EEPROM module
	628-074	6ES5 375-0LC41	8K statement EEPROM module
	628-311	6ES5 980-0MA11	Back-up battery, lithium ½AA 3.7V/850mAh
	628-046	6ES5 316-8MA12	IM 316 interface module
	628-232	6ES5 700-8MA11	2 module bus unit with screw-type terminals
	628-276	6ES5 815-0UB12	615U operating system sub-module
	628-254	6ES5 712-8AF00	0.5m connecting cable IM316
	628-327	6ES5 984-2UA12	615U off-line adaptor
	628-440	6ES5 982-3UA11	Operator panel mounting frame
	624-478	6ES5 490-8MB11	<b>RS</b> stock nos. 628-462 and 628-456 screw terminal connector
	628-588	6EA1 50 12AA11-0AX	Carrying case for PG710-1 programmer
	S5-90U & 95U accessories	628-888	6ES5980 0MB11
628-901		6ES5 375 8LC11	90U 1K statement EEPROM module
628-917		6ES5375 8CC11	90U 2K statement EEPROM module
628-923		6ES5788 8MK11	90U input simulator

## S7-200-range

Description	RS stock no.	Siemens part no.	Features
CPU	436-869	6ES7-212-IAA00-OXB0	Type 212, 8 inputs 6 outputs supply voltage 24Vdc, output voltage 24Vdc 0.5A
	436-875	6ES7-212-IBA00-OXB0	Type 212, 8 inputs, 6 outputs supply voltage 120/240Vac, output relay 5-30Vdc
	441-451	6ES7 212-ICA00-OXB0	Type 212, 8 inputs, 6 outputs supply voltage 120/240Vac, output 120/240Vac Triac 1A
	208-3524	6ES7 214-IAC00-OXB0	Type 214, 14 inputs, 10 outputs, supply voltage 24Vdc, output voltage 24Vdc 0.5A
	208-3530 208-3546	6ES7 214-IBC00-OXB0 6ES7 214-ICC00-OXB0	Supply voltage 120/240Vac, output relay 5-30Vdc Type 214, 14 inputs, 10 outputs supply voltage 120/240Vac, output voltage 120/240Vac Triac 1A
Digital expansion modules	441-518	6ES7 221-IBF00-OXA0	8 Inputs, 24Vdc
	441-502	6ES7 221-IEF00-OXA0	8 Inputs, 120Vac
	441-928	6ES7 221-IBF00-OXA0	8 Inputs, 24Vdc
	441-524	6ES7 222-IEF00-OXA0	8 Outputs, 24-230Vac
	441-906	6ES7 222-IHF00-OXA0	8 Outputs, relay
	441-530	6ES7 223-IBF00-OXA0	4 Inputs, 4 outputs, 24Vac
	441-912 441-934	6ES7-223-IEF00-OXA0 6ES7-223-IHF00-OXA0	4 inputs, 4 outputs 120Vac 4 inputs, 4 outputs, relay
Analogue expansion modules	441-940	6ES7-234-OCC00-OXA0	2 inputs, 1 output, 20mA 10Vdc
Text display	208-5441	6ES7-272-OAA00-OYA0	TD 200, 2 lines, 20 characters per line (for use with S7-200 series)
Simulator modules	441-962	6ES7-274-1XF00-OXA0	For S7-212 CPU
	208-3568	6ES7-274-1XH00-OXA0	For S7-214 CPU
Terminal blocks	208-3574	6ES7 290-2AA00-OXA0	For S7-212 CPU
	208-3580	6ES7 290-2BA00-OXA0	For S7-214 CPU
	208-3596	6ES7 290-2CA00-OXA0	For S7-200 modules
Memory module	441-495	6ES7 291-8GC00-OXA0	8k, EEPROM
Programmer	441-972	6ES7 702-OAA00-OYA0	PG 702 Handheld, 2 lines 20 character per line
Software	442-000	6ES7 810-2DA00-0YX0	Step 7 Micro/DOS programming software
Cables	208-3625	6ES7 901-3BF00-OXA0	Interconnection cable between a PC or PG702 and PPI port S7-200 CPU port
Manuals	208-3502	6ES7 020 0AA00-8BPO	S7-200 Programming & Installation
	208-3518	6ES7 021-0AA00-8BH0	S7-200 Hardware
	441-990	6ES7 702-OAA00-8BA0	PG 702 Programmer
	208-3603	6ES7 810-2DA00-8BA0	Step 7 Micro/DOS software

## 3. Lighting

## Speedpack battens

RS stock no.	Siemens part no.
566-342	SP4
566-358	SP24
566-370	SP5
566-386	SP25
566-409	SP6
566-415	SP26
561-139	SP8100
561-145	SP28100

## Speedpack diffusers and louvres

RS stock no.	Siemens part no.
566-364	SPC4
566-392	SPC5
566-421	SPC6
561-195	SPC8

## Speedpack reflectors

RS stock no.	Siemens part no.
561-151	SPR4
561-167	SPR5
561-173	SPR6
561-189	SPR8

## Corrosion resistant industrial lighting

RS stock no.	Siemens part no.
566-493	DUR15SS
566-500	DUR25SS
561-798	DUR16SS
571-805	DUR26SS

## Harrier industrial lighting

RS stock no.	Siemens part no.
566-291	HR150S
568-196	HR250SH
575-829	HRM250SH
575-835	HRM400SH

## 'Nightwatch'

RS stock no.	Siemens part no.
561-678	NW70
561-684	NW55
566-027	NW18

## 'Sonstar'

RS stock no.	Siemens part no.
561-516	SS70S
561-303	SS150S
571-811	SS250S

## Attachments

RS stock no.	Siemens part no.
566-336	HRPC
566-320	HRPG

## 4. Suppressors

## Horizontal current compensated

RS stock no.	Siemens part no.
288-008	B82722-A2501-N1 0.5A
288-014	B82722-A2102-N1 1A
288-020	B82722-A2202-N1 2A
288-036	B82722-A2302-N1 3A
288-042	B82723-A2501-N1 0.5A
288-058	B82723-A2102-N1 1A
288-064	B82723-A2202-N1 2A
288-070	B82723-A2402-N1 3A

## Vertical current compensated

RS stock no.	Siemens part no.
239-955	B82722-J2501-N1 0.5A
239-961	B82722-J2102-N1 1A
239-977	B82722-J2202-N1 2A
239-983	B82722-J2302-N1 3A
239-999	B82723-J2501-N1 0.5A
240-006	B82723-J2102-N1 1A
240-012	B82723-J2202-N1 2A
240-028	B82723-J2402-N1 3A

## 5. Opto-electronics/Indicators

### 5.1 LED displays

<b>RS stock no.</b>	<b>Siemens part no.</b>
589-301	DLR1414
589-317	DLR2416
194-868	SCD55100
194-874	SCD55103
194-880	SLX2016R
194-896	SLX2016G
194-903	PDSP2112
194-919	PDSP2113

### Infra-red emitters and detectors

<b>RS stock no.</b>	<b>Siemens part no.</b>
195-625	SFH 409-2
195-631	SFH309-3
195-647	SFH309F-4
195-653	SFH487-2
195-669	LD274-1
195-675	SFH415T
195-681	SFH2030
195-697	SFH2030F
195-704	SFH205
195-710	SFH401-2
195-726	SFH481-2
195-732	BPX38-4
195-748	BPX43-4
195-754	BPW34
195-760	BPW34F
585-220	BP103B
585-236	SFH48SP
585-242	SFH48S

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