C.8 Spare parts and other hardware

Table C-15 Expansion cables, simulators, and end retainers

Item		Article number
I/O expansion cable	I/O Expansion cable, 2 m	6ES7290-6AA30-0XA0
I/O simulator	Simulator (1211C/1212C - 8 position)	6ES7274-1XF30-0XA0
	Simulator (1214C/1215C - 14 position)	6ES7274-1XH30-0XA0
	Simulator, CPU 1217C	6ES7274-1XK30-0XA0
Potentiometer module	S7-1200 Potentiometer module	6ES7274-1XA30-0XA0
Ethernet strain relief	Single port RJ45 strain relief, 10/100 Mbit/sec	6ES7290-3AA30-0XA0
	Dual port RJ45 strain relief, 10/100 Mbit/sec	6ES7290-3AB30-0XA0
Spare door kit	CPU 1211C/1212C	6ES7291-1AA30-0XA0
	CPU 1214C	6ES7291-1AB30-0XA0
	CPU 1215C	6ES7291-1AC30-0XA0
	CPU 1217C	6ES7291-1AD30-0XA0
	Signal module, 45 mm	6ES7291-1BA30-0XA0
	Signal module, 70 mm	6ES7291-1BB30-0XA0
	Communication module (for use with 6ES72xx-xxx32-0XB0 and 6ES72xx-xxx30-0XB0 modules)	6ES7291-1CC30-0XA0
End Retainer	End Retainer Thermoplastic, 10 MM	8WA1808
	End Retainer Steel, 10.3 MM	8WA1805

Replacing the terminal block connector

It is important to use the correct terminal block for your module. Refer to the tables below and your module specifications to determine the correct terminal block replacement.

Note

Keyed removable terminal blocks

PLCs always require correct wiring to ensure safety and proper operation.

When replacing the terminal block in your CPU or SM, it is important that you use the correct terminal block and correct wiring source for your module.

The keyed feature helps prevent you from accidentally placing a high voltage wired terminal block into a low voltage module, or from placing a special voltage wired terminal block into a normal voltage module. Some terminal blocks are specifically keyed at left, at right or at middle.

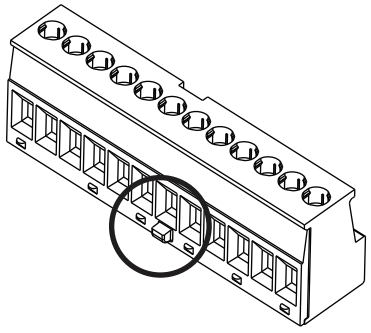
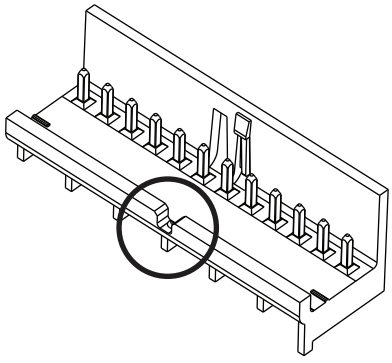
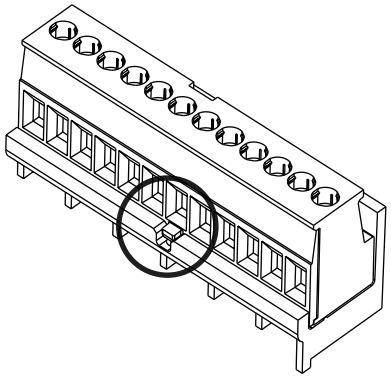
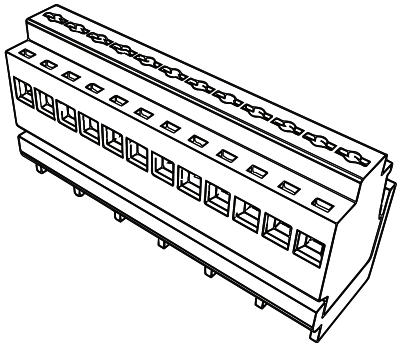
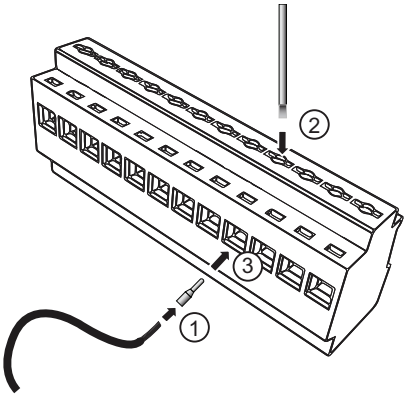
		
Removable terminal block (keyed example shown	Key on device	Key on device only fits appropriate removable terminal block
		
Push-in terminal block	Follow these steps: 1. Insert wire and crimp connector. 2. Depress the membrane using a small screwdriver to open slot. 3. Insert crimped connector into opened slot on terminal block.	

Table C-16 S7-1200 CPU V4.0 and later - Terminal block spare kits

If you have S7-1200 CPU V4.0 and later (article number)	Use this terminal block spare kit (4/pk)		
	Terminal block (screw-type) article number	Equivalent Push-in terminal block article number	Terminal block description
CPU 1211C DC/DC/DC (6ES7211-1AE40-0XB0)	6ES7292-1BC30-0XA0	6ES7292-2BC30-0XA0	3 pin, gold-plated
	6ES7292-1AH30-0XA0	6ES7292-2AH30-0XA0	8 pin, tin-plated
	6ES7292-1AP30-0XA0	6ES7292-2AP30-0XA0	14 pin, tin-plated
CPU 1211C DC/DC/Relay (6ES7211-1HE40-0XB0)	6ES7292-1BC30-0XA0	6ES7292-2BC30-0XA0	3 pin, gold-plated
	6ES7292-1AH40-0XA0	6ES7292-2AH40-0XA0	8 pin, tin-plated, keyed
	6ES7292-1AP30-0XA0	6ES7292-2AP30-0XA0	14 pin, tin-plated

If you have S7-1200 CPU V4.0 and later (article number)	Use this terminal block spare kit (4/pk)		
	Terminal block (screw-type) article number	Equivalent Push-in terminal block article number	Terminal block description
CPU 1211C AC/DC/Relay (6ES7211-1BE40-0XB0)	6ES7292-1BC30-0XA0	6ES7292-2BC30-0XA0	3 pin, gold-plated
	6ES7292-1AH40-0XA0	6ES7292-2AH40-0XA0	8 pin, tin-plated, keyed
	6ES7292-1AP40-0XA0	6ES7292-2AP40-0XA0	14 pin, tin-plated, keyed
CPU 1212C DC/DC/DC (6ES7212-1AE40-0XB0)	6ES7292-1BC30-0XA0	6ES7292-2BC30-0XA0	3 pin, gold-plated
	6ES7292-1AH30-0XA0	6ES7292-2AH30-0XA0	8 pin, tin-plated
	6ES7292-1AP30-0XA0	6ES7292-2AP30-0XA0	14 pin, tin-plated
CPU 1212C DC/DC/Relay (6ES7212-1HE40-0XB0)	6ES7292-1BC30-0XA0	6ES7292-2BC30-0XA0	3 pin, gold-plated
	6ES7292-1AH40-0XA0	6ES7292-2AH40-0XA0	8 pin, tin-plated, keyed
	6ES7292-1AP30-0XA0	6ES7292-2AP30-0XA0	14 pin, tin-plated
CPU 1212C AC/DC/Relay (6ES7212-1BE40-0XB0)	6ES7292-1BC30-0XA0	6ES7292-2BC30-0XA0	3 pin, gold-plated
	6ES7292-1AH40-0XA0	6ES7292-2AH40-0XA0	8 pin, tin-plated, keyed
	6ES7292-1AP40-0XA0	6ES7292-2AP40-0XA0	14 pin, tin-plated, keyed
CPU 1214C DC/DC/DC (6ES7214-1AG40-0XB0)	6ES7292-1BC30-0XA0	6ES7292-2BC30-0XA0	3 pin, gold-plated
	6ES7292-1AM30-0XA0	6ES7292-2AM30-0XA0	12 pin, tin-plated
	6ES7292-1AV30-0XA0	6ES7292-2AV30-0XA0	20 pin, tin-plated
CPU 1214C DC/DC/Relay (6ES7214-1HG40-0XB0)	6ES7292-1BC30-0XA0	6ES7292-2BC30-0XA0	3 pin, gold-plated
	6ES7292-1AM40-0XA0	6ES7292-2AM40-0XA0	12 pin, tin-plated, keyed
	6ES7292-1AV30-0XA0	6ES7292-2AV30-0XA0	20 pin, tin-plated
CPU 1214C AC/DC/Relay (6ES7214-1BG40-0XB0)	6ES7292-1BC30-0XA0	6ES7292-2BC30-0XA0	3 pin, gold-plated
	6ES7292-1AM40-0XA0	6ES7292-2AM40-0XA0	12 pin, tin-plated, keyed
	6ES7292-1AV40-0XA0	6ES7292-2AV40-0XA0	20 pin, tin-plated, keyed
CPU 1215C DC/DC/DC (6ES7215-1AG40-0XB0)	6ES7292-1BF30-0XB0	6ES7292-2BF30-0XB0	6 pin, gold-plated
	6ES7292-1AM30-0XA0	6ES7292-2AM30-0XA0	12 pin, tin-plated
	6ES7292-1AV30-0XA0	6ES7292-2AV30-0XA0	20 pin, tin-plated
CPU 1215C DC/DC/Relay (6ES7215-1HG40-0XB0)	6ES7292-1BF30-0XB0	6ES7292-2BF30-0XB0	6 pin, gold-plated
	6ES7292-1AM40-0XA0	6ES7292-2AM40-0XA0	12 pin, tin-plated, keyed
	6ES7292-1AV30-0XA0	6ES7292-2AV30-0XA0	20 pin, tin-plated
CPU 1215C AC/DC/Relay (6ES7215-1BG40-0XB0)	6ES7292-1BF30-0XB0	6ES7292-2BF30-0XB0	6 pin, gold-plated
	6ES7292-1AM40-0XA0	6ES7292-2AM40-0XA0	12 pin, tin-plated, keyed
	6ES7292-1AV40-0XA0	6ES7292-2AV40-0XA0	20 pin, tin-plated, keyed