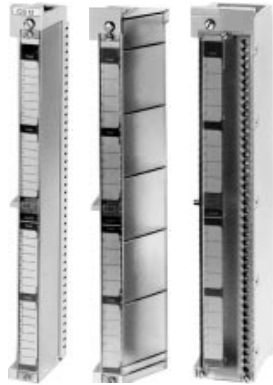


SIMATIC S5-135U, S5-155U/H

Supplementary equipment

Front connectors

Application



Front connectors must be used to terminate the signal cables for input and output modules. Either crimp terminals or screw terminals can be selected for all modules. Connector sleeves are not required.

Design

The front connectors are hooked into the module at the bottom, swung towards the module and bolted at the top.

The width of the front connectors corresponds to one of the following:

- 1 slot (single-width) or
- 2 slots (double-width).

Double-width front connectors should always be used for double-width modules or if the slot adjacent to the module at the right is unused (always in the EG 187U expansion unit; without fan).

Stranded conductors should be used for easy movement of the front connectors.

Further types of connection with modified front connectors, prepared cables and terminals for sensors and actuators can be found in the Catalog KT 10 (SITOP power).

Technical specifications			
Front connector	6ES5 497-...	Space in the front connector	
Connection	Crimp terminals or screw terminals	• Cross-section approx.	470 mm ²
Conductor cross-section		• Number of cables	
• Crimp terminals	0.5 ... 1.5 mm ²	with 2.5 mm ² max.	24
• Screw terminals	0.5 ... 2.5 mm ²	with 1.5 mm ² max.	36
		with 0.5 mm ² max.	48
		Weight approx.	0.2 kg (0.44 lb)

Ordering data	Order No.	Ordering data	Order No.
497-4UA front connector for crimp terminals (without crimp contacts)		497-4UB front connector for screw terminals	
<ul style="list-style-type: none"> • Width = 1 slot, 42-pin for the following modules (with fan) 6ES5-420..., -430..., -431..., -432..., -434..., -441..., -451..., -458..., -460..., -463..., -465..., -470..., -482.. • Width = 2 slots, 42-pin for the modules 6ES5-453..., -454..., -457..., -482.; for the following modules (without fan) 6ES5-420..., -430..., -431..., -432..., -434..., -441..., -451, -458., -460., -463., -465., -470.. • Width = 2 slots, 20-pin for the following modules 6ES5-435., -436., -455., -456., -951.. 	6ES5 497-4UA12 6ES5 497-4UA22 6ES5 497-4UA42	<ul style="list-style-type: none"> • Width = 1 slot, 42-pin for the following modules (with fan) 6ES5-420..., -430., -431., -432., -434., -441., -451., -458., -460., -463., -465., -470., -482.. • Width = 2 slots, 42-pin for the modules 6ES5-453., -454., -457., -482.; for the following modules (without fan) 6ES5-420..., -430., -431., -432., -434., -441., -451., -458., -460., -463., -465., -470.. • Width = 2 slots, 25-pin for the module 6ES5-454.. • Width = 2 slots, 20-pin for the following modules 6ES5-435., -436., -455., -456., -951.. 	6ES5 497-4UB31 6ES5 497-4UB12 6ES5 497-4UB22 6ES5 497-4UB42

SIMATIC S5-135U, S5-155U/H

Supplementary equipment

Manuals, further accessories (continued)

Ordering data (continued)	Order No.	Order No.	
<p>Accessories for ZG 135U/155U, EG 183U to EG 187U (cont.)</p> <p>Spare fan (set of 2)</p> <ul style="list-style-type: none"> • 230V AC for 6ES5 955-3LC14/-3LF12 and 6ES5 988-3LA11 • 24V DC for 6ES5 955-3NA12/-3NC13/-3NF11 and 6ES5 988-3NA11 <p>Backup battery</p> <ul style="list-style-type: none"> • For power supply chassis (3.4V, 5Ah) • For memory submodules with RAM (3V, 0.2Ah) <p>Rechargeable battery for power supply chassis 6ES5 955-3xx41</p> <p>Baffle plate for improving the cooling of devices with fan; air entry from lower front side, air exit upper back side</p> <p>Dust filter holder for CC and EUs with power supply chassis 6ES5 955-0FA41</p> <p>Dust filter (set of 10) for dust filter holder 6ES5 981-0FA41</p> <p>Dust filter holder for CC and EUs with power supply chassis 6ES5 955-3LC14/-3LF12/-3NA12/-3NC13/-3NF11, 6ES5 988-3xA11</p>	<p>6ES5 988-3LB21</p> <p>6ES5 988-3NB11</p> <p>6EW1 000-7AA</p> <p>6ES5 980-0DA11</p> <p>6ES5 980-0NC11</p> <p>6ES5 981-0DA11</p> <p>6ES5 981-0FA41</p> <p>6ES5 981-0EA41</p> <p>6ES5 981-0FA11</p>	<p>Accessories for ZG 135U/155U, EG 183U to EG 187U (cont.)</p> <p>Dust filter (set of 10) for dust filter holder 6ES5 981-0FA11</p> <p>Dummy front plates for covering free slots</p> <ul style="list-style-type: none"> • Width 1 slot • Width 2 slots <p>15 V module for building into power supply chassis 6ES5 955-3NA12/-3NF11/-3LF12 for supplying the bus connector for Industrial Ethernet. All other power supply chassis do not require a 15 V module.</p> <p>Accessories for ZG 155H</p> <p>Power supply 24 V DC; 5 V, 14 A</p> <p>Fan subassembly 24 V DC</p> <p>Replacement fan</p> <p>Dust filter (10 items)</p> <p>Backup battery Lithium, type AA 3.6 V; 1.9 Ah</p>	<p>6ES5 981-0EA11</p> <p>6XF2 008-6KB00</p> <p>6XF2 016-6KB00</p> <p>6ES5 956-0AA12</p> <p>6ES5 955-7NC11</p> <p>6ES7 408-1TA01-0XA0</p> <p>6ES7 408-1TA00-6AA0</p> <p>6ES7 408-1TA00-7AA0</p> <p>6ES7 971-0BA00</p>