

SIMATIC S7-1500, Front connector in push-in design, 40-pole for 25 mm wide modules and compact CPUs of the S7-1500, incl. cable tie

General information		
Product type designation	Front connector	
connection method		
Connection I/O signals		
<ul style="list-style-type: none"> • Connection method • Number of lines per connection 	Push-in terminal 1; or max. 8x 2 conductors to 1.5 mm ² (in total) in a shared end sleeve and max. 32x 0.75 mm ² single core	
Conductor cross-section in mm ²		
— Connectable cable cross-sections for massive cables, min.	0.25 mm ²	
— Connectable cable cross-sections for massive cables, min.	1.5 mm ² ; max. 32x 0.75 mm ² , 8x 1.5 mm ²	
— Connectable cable cross-sections for flexible cables without end sleeve, min.	0.25 mm ²	
— Connectable cable cross-sections for flexible cables without end sleeve, max.	1.5 mm ² ; max. 32x 0.75 mm ² , 8x 1.5 mm ²	
— Connectable cable cross-sections for flexible cables with end sleeve, min.	0.25 mm ²	
— Connectable cable cross-sections for flexible cables with end sleeve, max.	1.5 mm ² ; max. 32x 0.75 mm ² , 8x 1.5 mm ²	
Conductor cross-section acc. to AWG		
— Connectable cable cross-sections for massive cables, min.	24	
— Connectable cable cross-sections for massive cables, min.	16; max. 32x AWG 19, 8x AWG 16	
— Connectable cable cross-sections for flexible cables without end sleeve, min.	24	
— Connectable cable cross-sections for flexible cables without end sleeve, max.	16; max. 32x AWG 19, 8x AWG 16	
— Connectable cable cross-sections for flexible cables with end sleeve, min.	24	
— Connectable cable cross-sections for flexible cables with end sleeve, max.	16; max. 32x AWG 19, 8x AWG 16	
Wire end processing		
— Stripped length of cables, min.	8 mm	
— Stripped length of cables, max.	11 mm	
— End sleeve acc. to DIN 46228 without plastic sleeve	Form A, 10 mm long	
— End sleeve acc. to DIN 46228 with plastic sleeve	Form E, 8 mm and 10 mm long	
Mounting		
— Tool	Screwdriver, conical design, 3 mm to 3.5 mm	
Dimensions		
Width	19.8 mm	
Height	130.5 mm	
Depth	43 mm	
Weights		
Weight, approx.	123 g	
Classifications		
	Version	Classification
eClass	14	27-24-22-92
eClass	12	27-24-22-92
eClass	9.1	27-24-22-92
eClass	9	27-24-22-92
eClass	8	27-24-92-90

eClass	7.1	27-24-92-90
eClass	6	27-24-92-90
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584
IDEA	4	3552
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval	For use in hazardous locations
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[Manufacturer Declaration](#)



[KC](#)



[EM](#)

For use in hazardous locations



[EM](#)

[CCC-Ex](#)



[Type Examination Certificate](#)



IECEX

For use in hazardous locations

[Miscellaneous](#)

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