SIEMENS

Data sheet 6ES7592-1BM00-0XA0

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

connection method	
Connection I/O signals	
● Connection method	Push-in terminal
● Number of lines per connection	1; or max. 8x 2 conductors to 1.5 mm² (in total) in a shared end sleeve and max. 32x 0.75 mm² single core
Conductor cross-section in mm²	
— Connectable cable cross-sections for massive cables, min.	0.25 mm²
— Connectable cable cross-sections for massive cables, min.	1.5 mm²; max. 32x 0.75 mm², 8x 1.5 mm²
— Connectable cable cross-sections for flexible cables without end sleeve, min.	0.25 mm²
— Connectable cable cross-sections for flexible cables without end sleeve, max.	1.5 mm²; max. 32x 0.75 mm², 8x 1.5 mm²
— Connectable cable cross-sections for flexible cables with end sleeve, min.	0.25 mm²
— Connectable cable cross-sections for flexible cables with end sleeve, max.	1.5 mm²; max. 32x 0.75 mm², 8x 1.5 mm²
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

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ETIM	10	EC002584
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
CE EG-Konf.	UKCA	Manufacturer Declaration	KC	RCM	FM

For use in hazardous locations

UL	FM	CCC-Ex	IECEx	ATEX

For use in hazardous locations
Type Examination Certificate

For use in hazardous locations

Miscellaneous

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