Model	S7-200 SMART CPU ST20 DC/DC/DC
Order Number (MLFB)	6ES7 288-1ST20-0AA0
Standerd	
Dimension	90 x 100 x 81
Power Consuption	20 W
Digital input current cosumption (24 V DC)	4 Ma for each input point used
CPU Features	
User Memory	12 KB Program Memory/8 KB data Memory/Max. 10 kb retantive Memory
On board Digital I/O	12 Inputs / 8 outputs
Bit Memeory (M)	256 Bit
I/O Module Extension	6 Extension Modules
Signal Board Extension	Max. 1 Signal Board
High Speed Counter	4 In total
Memory	Micro SD Card (Optional)
Communications	
Number of Ports	1 Ethernet Port /1 serial (RS 485) / 1 additional serial (Optional RS 232/485 Signal board) port
HMI Equipment	Max. 4 Connection on serial port
	Max. 8 Connection on Ethernet port
Programming Equipment (PG)	Ethernet : 1
Number of Connections	Ethernet
	(1) 8 for HMI
	(2) 1 For Programming
	(3) 8 For CPU
	(4) 8 for Active GET/PUT Connection
	(5) 8 for Passive GET/PUT Connection
	Serial (RS 485)
	(1) Each port has 4 for HMI Connection
Type of cable	Ethernet : Shielded cable
	RS 485 : Profibus cable
Power Source	
Voltage Range	20.4 -28.8 V DC