****** You will find the product functions in the section Application, functions and requirements (Page 15).

6.2 Technical specifications of the CP (6GK7543-1AX10-0XE0)

Note the information in the System description of SIMATIC S7-1500, see Cybersecurity information (Page 7).

In addition to the information in the system description, the following technical specifications apply to the module.

Technical specifications - CP 1543-1		
Product name	CP 1543-1	
Article number	6GK7 543-1AX10-0XE0	
Attachment to Industrial Ethernet		
• Quantity	1 x Ethernet (gigabit) interface	
• Design	RJ-45 jack	
• Transmission speed	10 / 100/ 1000 Mbps	
Electrical data		
Power supply		
• via S7-1500 backplane bus	15 V	
Current consumption		
• From backplane bus (typical)	250 mA	
• Effective power loss (typical)	3.75 W	
Insulation	Tested to:	DC 780 V (type test)
Permitted ambient conditions		
Ambient temperature *****	During operation with the rack installed horizontally	-30 °C ... +60 °C
	During operation with the rack installed vertically	-30 °C ... +40 °C
	During storage	-40 °C ... +70 °C
	During transportation	-40 °C ... +70 °C
Relative humidity	During operation	≤ 95 % at 25 °C, no condensation
Permitted contaminant concentration	Corrosive gas test according to ISA-S71.04 severity level G1, G2, G3	
Design, dimensions and weight		
Module format	Compact module S7-1500, single width	
Degree of protection	IP20	
Weight	260 g	
Dimensions (W x H x D)	35 x 142 x 129 mm	
Installation options	Mounting in an S7-1500 rack	
Product functions **		

***** Also read the information in the Ambient temperature (Page 103) section.