



Figure similar

Ex device made of stainless steel, IP66. With installation of the ET 200iSP components (these must be ordered separately). II 2 (1) G Ex eb db ib [ia Ga] IIC T4 Gb. Size (WxHxD): 650x450x230, for max. 14 iSP modules (EM/IM). Cable entries: 2x M32 power supply, 4x M20 bus cables and 65x M16 (5-10 mm) for signals in 5 rows, version in nickel-plated brass. Ambient operating temperature minimum -20 degrees Celsius. The ET 200iSP components to be installed in the enclosure must be ordered with the cabinet.

General information	
Product type designation	SIMATIC ET 200iSP stainless steel Ex device
Suitability for use	gas, hazardous zone 1 and 2
Product version	width 650 mm, IP66, cable glands M16 metal
Installation type/mounting	
Wall mounting/direct mounting	Yes
Supply voltage	
Type of supply voltage	24 V DC, 120 V AC, 230 V AC
Standards, approvals, certificates	
CE mark	Yes
UKCA mark	Yes
UL approval	No
RoHS conformity	Yes
China RoHS compliance	No
Use in hazardous areas	
<ul style="list-style-type: none"> • ATEX marking 	II 2 (1) G Ex eb db ib [ia Ga] IIC T4 Gb
<ul style="list-style-type: none"> • ATEX certificate 	BVS 04 ATEX E 157
<ul style="list-style-type: none"> • EAC Ex 	No
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> • min. 	-20 °C; down to -40 °C when using heater
<ul style="list-style-type: none"> • max. 	45 °C; dependent on the power loss of the installed components
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> • min. 	-40 °C
<ul style="list-style-type: none"> • max. 	70 °C
Connection method	
Supply voltage connection	
Conductor cross-section in mm ²	
— Connectable cable cross-sections for massive cables, min.	0.5 mm ² ; direct connection to ET 200iSP power supply TM-PS
— Connectable cable cross-sections for massive cables, min.	4 mm ² ; direct connection to ET 200iSP power supply TM-PS. For larger cross-sections, order additional supply terminals 6DL9910-8E*
— Connectable cable cross-sections for flexible cables without end sleeve, min.	0.5 mm ² ; direct connection to ET 200iSP power supply TM-PS
— Connectable cable cross-sections for flexible cables without end sleeve, max.	2.5 mm ² ; direct connection to ET 200iSP power supply TM-PS. For larger cross-sections, order additional supply terminals 6DL9910-8E*
— Connectable cable cross-sections for flexible cables with end sleeve, min.	0.5 mm ² ; direct connection to ET 200iSP power supply TM-PS
— Connectable cable cross-sections for flexible cables with end sleeve, max.	2.5 mm ² ; direct connection to ET 200iSP power supply TM-PS. For larger cross-sections, order additional supply terminals 6DL9910-8E*

Mechanics/material	
Design of housing	width 650 mm, IP66, cable glands M16 metal
Dimensions	
Width	650 mm
Height	450 mm
Depth	230 mm
Thickness	1.5 mm; sheet thickness, stainless steel DIN 1.4404 (SS 316L)
Weights	
Weight, approx.	21 kg
Classifications	

	Version	Classification
eClass	14	27-18-05-02
eClass	12	27-18-05-02
eClass	9.1	27-18-05-02
eClass	9	27-18-05-02
eClass	8	27-18-05-02
eClass	7.1	27-18-05-02
eClass	6	27-18-05-02
ETIM	10	EC002503
ETIM	9	EC002503
ETIM	8	EC002503
ETIM	7	EC002503
UNSPSC	15	39-12-13-14

Approvals / Certificates	
General Product Approval	For use in hazardous locations

[Miscellaneous](#)



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