



Figure similar

Ex device made of stainless steel, IP65. With installation of the ET 200iSP and AirLineEx pneumatic components (these must be ordered additionally). II 2 (1) G Ex eb db ib [ia Ga] IIC T4 Gb. Size (WxHxD): 950x450x230, for max. 24 iSP modules (EM/IM). Cable entries: 2x M32 power supply, 4x M20 bus cables and 110x M16 (4.5-9 mm) for signals in 5 rows, version in plastic black. Ambient operating temperature minimum 0 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 with pneumatics |
| Suitability for use | gas, hazardous zone 1 and 2 |
| Product version | width 950 mm, IP65, cable glands M16 plastic black |
| 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 • ATEX certificate • EAC Ex | II 2 (1) G Ex eb db ib [ia Ga] IIC T4 Gb BVS 04 ATEX E 157 No |
| Ambient conditions | |
| Ambient temperature during operation | |
| <ul style="list-style-type: none"> • min. • max. | 0 °C; down to -20 °C when using heater 45 °C; dependent on the power loss of the installed components |
| Ambient temperature during storage/transportation | |
| <ul style="list-style-type: none"> • min. • max. | -40 °C 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 950 mm, IP65, cable glands M16 plastic black |
| Dimensions | |
| Width | 950 mm |
| Height | 450 mm |
| Depth | 230 mm |
| Thickness | 1.5 mm; sheet thickness, stainless steel DIN 1.4404 (SS 316L) |
| Weights | |
| Weight, approx. | 30.5 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 |



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