



SIMATIC ET 200SP HA, terminal block, type M0, D-sub plug 37-pole, 2 slots for IO redundancy, 24 V infeed per slot, width: 45 mm

General information	
Product type designation	type M0, D-SUB, IO-RED
Product function	
<ul style="list-style-type: none"> <li>I&amp;M data</li> </ul>	Yes; Asset data
Supply voltage	
Rated value (DC)	24 V
external protection for power supply lines	Yes; 24 V DC / 10 A (MCB with tripping characteristic type B or C, quick-response device protection fuse with sufficient breaking capacity, electronic fuse with characteristic according to type B or C)
Current carrying capacity	
up to 70 °C, max.	10 A
For process terminals, max.	2 A
Hardware configuration	
Temperature sensor	No
Formation of potential groups	
<ul style="list-style-type: none"> <li>support of potential groups</li> </ul>	No; no Powerbus
Slots	
<ul style="list-style-type: none"> <li>Number of slots</li> </ul>	2; For IO redundancy
Analog inputs	
Thermocouple (TC)	
Temperature compensation	
— internal temperature compensation	No
Potential separation	
between backplane bus and supply voltage	Yes; 3 000 V DC/1 min, type test
between potential groups (power bus)	Yes; 1 200 V DC/1 min, type test (SELV / PELV to functional ground FE)
between process terminals and supply voltage	Yes; 1 200 V DC/1 min, type test
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> </ul>	-40 °C 70 °C -40 °C 60 °C
Dimensions	
Width	45 mm
Height	175 mm
Depth	77 mm
Weights	
Weight, approx.	158 g
Classifications	

	Version	Classification
eClass	14	27-24-26-07
eClass	12	27-24-26-07
eClass	9.1	27-24-26-07
eClass	9	27-24-26-07
eClass	8	27-24-26-07
eClass	7.1	27-24-26-07
eClass	6	27-24-26-07
ETIM	10	EC001603
ETIM	9	EC001603
ETIM	8	EC001603
ETIM	7	EC001603

**Approvals / Certificates**

**General Product Approval**



[KC](#)



**For use in hazardous locations**

[Declaration of Conformity](#)



[Miscellaneous](#)

**Maritime application**



[NK / Nippon Kaiji Kyokai](#)



**Maritime application**

**Environment**

[CCS \(China Classification Society\)](#)



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