



SIMATIC ET 200SP HA, terminal block, type F0, F-AI, D-sub plug 37-pole, 2 slots for IO redundancy, 24 V infeed per slot, width: 45 mm

General information	
Product type designation	type F0, D-SUB, F-AI, IO-RED
Product function	
<ul style="list-style-type: none"> I&M data 	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	
For process terminals, max.	30 mA
Hardware configuration	
Automatic encoding	Yes
<ul style="list-style-type: none"> Type of mechanical coding element 	mechanical interlock
Temperature sensor	No
Formation of potential groups	
<ul style="list-style-type: none"> support of potential groups 	No; no Powerbus
Slots	
<ul style="list-style-type: none"> Number of slots 	2; For IO redundancy
Analog inputs	
Thermocouple (TC)	
Temperature compensation	
<ul style="list-style-type: none"> 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"> horizontal installation, min. horizontal installation, max. vertical installation, min. vertical installation, max. 	-40 °C 70 °C -40 °C 60 °C
Dimensions	
Width	45 mm
Height	175 mm
Depth	77 mm
Weights	
Weight, approx.	156 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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