



SIMATIC ET 200SP HA, terminal block, type F1, 32 push-in terminals, width: 45 mm

General information			
Product type designation	Type F1		
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		
Potential separation			
between backplane bus and supply voltage	Yes; 3 000 V DC/1 min, type test		
between potential groups (power bus)	Yes; 1 500 V DC/1 min, type test (SELV / PELV to functional ground FE)		
between process terminals and supply voltage	Yes; 1 500 V DC/1 min (test value higher than normatively required)		
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.	160 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 For use in hazardous locations



[KC](#)



[Declaration of Conformity](#)

For use in hazardous locations Maritime application



[Miscellaneous](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



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

Environment



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