SIEMENS

Data sheet 6DL1193-6TP00-0DF1

Siemens EcoTech

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



General information	
Product type designation	Type F1
Product function	
● 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
● Type of mechanical coding element	mechanical interlock
Temperature sensor	No
Formation of potential groups	
● support of potential groups	No; no Powerbus
Slots	
● 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	
● horizontal installation, min.	-40 °C
● horizontal installation, max.	70 °C
● vertical installation, min.	-40 °C
● vertical installation, max.	60 °C
Dimensions	
Width	45 mm
Height	175 mm
Depth	77 mm
Weights	
Weight, approx.	160 g
Classifications	

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	Version	Classification
eClass	16	27-24-26-07
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












General Product Approval



Manufacturer Declaration

Declaration of Conformity

For use in hazardous locations







For use in hazardous locations



Miscellaneous

Maritime application









Maritime application

NK / Nippon Kaiji Kyokai



CCS (China Classification Society)

Environment







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