SIEMENS

Data sheet 6DL1193-6TC00-0DF0

Siemens EcoTech

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	
● 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
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	
● 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

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Depth	77 mm

Weights

Weight, approx.	156 g

Classifications

	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

For use in hazardous locations

Declaration of Conformity




For use in hazardous locations





Miscellaneous

Maritime application







Maritime application



NK / Nippon Kaiji Kyokai


CCS (China Classification Society)

Environment





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