SIEMENS

Data sheet 6DL1193-6TC00-0DM0

Siemens EcoTech

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	
● 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	
up to 70 °C, max.	10 A
For process terminals, max.	2 A
Hardware configuration	
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
Depth	77 mm

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Weights

Weight, approx.	158 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

EG-Konf. UKCA UL KC RCM EAC

General Product Approval

EG-Konf. UKCA

Manufacturer Declaration

For use in hazardous locations

Declaration of Conformity

CCC UL

For use in hazardous locations

ATEX IECEx

Miscellaneous

Maritime application

ABS BUREAU VERITAS DNV

Maritime application

Lloyd's Register LRS

NK / Nippon Kaiji Kyokai

RINA

CCS (China Classification Society)

Environment

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