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Data sheet 6DL1193-6TC00-0DR0



SIMATIC ET 200SP HA, terminal block, type R0, isolated, D-sub plug 37-pole, 2 slots for IO redundancy, 24 V infeed per slot, width: 45 mm

General information	
Product type designation	type R0, D-SUB, ISOL, 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
Weights	
Weight, approx.	158 g
Classifications	

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	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

CE EG-Konf. | UKCA | UL | KC | RCM | EAC

For use in hazardous locations

Declaration of Conformity | CCC | UL | ATEX | IECEx | Miscellaneous

Maritime application

ABS | BUREAU VERITAS | DNV | LRS | NK / Nippon Kaiji Kyokai | RINA

Maritime application | Environment

CCS (China Classification Society) | Siemens EcoTech | EPD

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