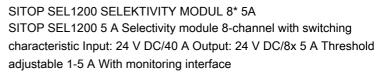
Data sheet





| Input | |
|---|-----------------------|
| type of the power supply network | Controlled DC voltage |
| supply voltage / at DC / rated value | 24 V |
| input voltage / at DC | 20.4 30 V |
| overvoltage overload capability | 35 V |
| input current / at rated input voltage 24 V / rated | 40 A |
| value | |

| Output | |
|---|--|
| voltage curve / at output | controlled DC voltage |
| formula for output voltage | Vin - approx. 0.2 V |
| relative overall tolerance / of the voltage / note | In accordance with the supplying input voltage |
| number of outputs | 8 |
| output current / up to 60 °C / per output / rated value | 5 A |
| adjustable pick-up value current / of the current- | 1 5 A |
| dependent overload release | |
| type of response value setting | via potentiometer |
| product feature | |
| parallel switching of outputs | Yes |
| bridging of equipments | No |

| type of outputs connection | Connection of all outputs after ramp-up of the supply voltage > 20 V; delay time of 25 ms, 200 ms, 500 ms or "load-optimized" can be set via DIP switch for sequential connection |
|--|---|
| Efficiency | |
| efficiency in percent | 98 % |
| power loss [W] / at rated output current / for rated value of the output current / typical | 10 W |
| Switch-off characteristic per output | |
| switching characteristic | |
| of the excess current | lout = 1.01.5 x set value, switch-off after approx. 5 s |
| of the current limitation | lout = 1.5 x set value, switch-off after typ. 1 s |
| of the immediate switch-off | lout > set value and Vin < 20 V, switch-off after approx. 8 ms |
| design of the reset device/resetting mechanism | via sensor per output |
| remote reset function | Non-electrically isolated 24 V input (signal level "high" at > 15 V) |
| Protection and monitoring | |
| fuse protection type / at input | 10 A per output (not accessible) |
| display version / for normal operation | Three-color LED per output: green LED for "Output switched through"; yellow LED for "Output switched off manually"; red LED for "Output switched off due to overcurrent" |
| design of the switching contact / for signaling function | Floating status signal output (pulse/pause signal that can be evaluated via SIMATIC function block) |
| Safety | |
| galvanic isolation / between input and output at switch-off | No |
| standard / for safety | according to EN 60950-1 and EN 50178 |
| operating resource protection class | Class III |
| protection class IP | IP20 |
| Approvals | |
| certificate of suitability | |
| • CE marking | Yes |
| ● UL approval | Yes; UL-Recognized (UL 2367) File E328600; cULus-Listed (UL 508, CSA C22.2 No. 107.1) File E197259 |
| CSA-approval | Yes; CSA 22.2 60950-1 |
| • ATEX | Yes; IECEx Ex ec IIC T4 Gc; ATEX (EX) II 3G Ex ec IIC T4 Gc; cCSAus Class I, Div. 2, Group ABCD, T4 |
| certificate of suitability | |
| • IECEx | Yes |
| EMC | |
| standard | |
| • for emitted interference | EN 61000-6-3 |
| • for interference immunity | EN 61000-6-2 |



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| environmental conditions | |
|--|--|
| ambient temperature | |
| during operation | -25 +70 °C; with natural convection |
| during transport | -40 +85 °C |
| during storage | -40 +85 °C |
| environmental category / acc. to IEC 60721 | Climate class 3K3, 5 95% no condensation |

| Mechanics | |
|-------------------------------|---|
| type of electrical connection | Push-in |
| • at input | 24V1, 24V2: push-in for 0.5 16 mm²; 0V1, 0V2: push-in for 0.5 4 mm² |
| • at output | 1 - 8: push-in for 0.5 4 mm ² |
| • for signaling contact | 13, 14: push-in for 0.2 1.5 mm ² |
| • for auxiliary contacts | RST: push-in for 0.2 1.5 mm² |
| width / of the enclosure | 45 mm |
| height / of the enclosure | 135 mm |
| depth / of the enclosure | 125 mm |
| installation width | 45 mm |
| mounting height | 225 mm |
| required spacing | |
| • top | 45 mm |
| • bottom | 45 mm |
| • left | 0 mm |
| ● right | 0 mm |
| net weight | 0.3 kg |
| mounting type | Snaps onto DIN rail EN 60715 35x7.5/15 |
| other information | Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified) |

