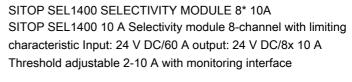
Data sheet





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	60 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	10 A
adjustable pick-up value current / of the current-	2 10 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 in percent	98 %
Power loss [W] / at rated output current / for rated value of the output current / typical	18 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. 100 ms
of the immediate switch-off	lout > set value and Vin < 20 V, switch-off after approx. 0.5 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	15 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

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 mm²
 for signaling contact 	13, 14: push-in for 0.2 1.5 mm²
• 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	0.5 kg
Mounting type	Snaps onto DIN rail EN 60715 35x7.5/15
MTBF / at 40 °C	363 000 h
Other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)