



SITOP SEL1400/4X2-10A

SITOP SEL1400 10 A Selectivity module 4-channel with limiting characteristic
input: 24 V DC/40 A output: 24 V DC/4x 10 A threshold adjustable 2-10 A with
monitoring interface *Ex approval no longer available*

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 value	40 A
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	4
output current up to 60 °C per output rated value	10 A; +60 ... +70 °C: Derating 2%/K
Adjustable output current	2 ... 10 A
type of response value setting	via potentiometer
response delay maximum	5 s; with load-optimized switch-on of all 4 channels
product feature parallel switching of outputs	Yes
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
power loss	
efficiency in percent	98 %
power loss [W] at rated output voltage for rated value of the output current typical	10 W
switch-off characteristic	
switching characteristic	<ul style="list-style-type: none"> • of the excess current • of the current limitation • of the immediate switch-off
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 common signal contact or 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

standard	<ul style="list-style-type: none"> for emitted interference for interference immunity 	EN 61000-6-3 EN 61000-6-2
standards, specifications, approvals		
certificate of suitability	<ul style="list-style-type: none"> CE marking UL approval CSA approval EAC approval 	Yes Yes; UL-Recognized (UL 2367) File E328600; cULus-Listed (UL 508, CSA C22.2 No. 107.1) File E197259 Yes; CSA C22.2 60950-1 Yes
type of certification	<ul style="list-style-type: none"> CB-certificate 	Yes
standards, specifications, approvals hazardous environments		
certificate of suitability	<ul style="list-style-type: none"> IECEx ATEX 	No No
standards, specifications, approvals marine classification		
shipbuilding approval		No
standards, specifications, approvals Environmental Product Declaration		
Environmental Product Declaration		Yes
Global Warming Potential [CO2 eq]	<ul style="list-style-type: none"> total during manufacturing during operation after end of life 	565 kg 32.5 kg 532 kg 0.52 kg
ambient conditions		
ambient temperature	<ul style="list-style-type: none"> during operation during transport during storage 	-40 ... +70 °C; with natural convection -40 ... +85 °C -40 ... +85 °C
environmental category according to IEC 60721	Climate class 3K3, 5 ... 95% no condensation	
connection method		
type of electrical connection	Push-in <ul style="list-style-type: none"> at input at output for auxiliary contacts for signaling contact 24V1, 24V2: push-in for 0.5 ... 16 mm ² ; 0V1, 0V2: push-in for 0.5 ... 4 mm ² Output 1 ... 4: push-in for 0.5 ... 4 mm ² RST: push-in for 0.2 ... 1.5 mm ² 13, 14: push-in for 0.2 ... 1.5 mm ²	
mechanical data		
width x height x depth of the enclosure	45 x 135 x 125 mm	
installation width x mounting height	45 x 225 mm	
required spacing	<ul style="list-style-type: none"> top bottom left right 45 mm 45 mm 0 mm 0 mm	
fastening method	<ul style="list-style-type: none"> standard rail mounting S7 rail mounting wall mounting Snaps onto DIN rail EN 60715 35x7.5/15 Yes No No	
housing can be lined up	Yes	
net weight	0.3 kg	
further information internet links		
internet link	<ul style="list-style-type: none"> to website: Industry Mall to web page: selection aid TIA Selection Tool to website: Industrial communication to website: CAx-Download-Manager to website: Industry Online Support https://mall.industry.siemens.com https://siemens.com/tst http://www.siemens.com/simatic-net http://www.siemens.com/cax https://support.industry.siemens.com	
additional information		
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)	

security information

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Classifications

	Version	Classification
eClass	12	27-37-18-02
eClass	9.1	27-37-18-02
eClass	9	27-37-18-02
eClass	8	27-37-18-02
eClass	7.1	27-37-18-02
eClass	6	27-37-18-02
ETIM	9	EC001440
ETIM	8	EC001440
ETIM	7	EC001440
IDEA	4	4727
UNSPSC	15	39-12-15-21

Approvals Certificates

General Product Approval



CB

[Manufacturer Declaration](#)

[Declaration of Conformity](#)



General Product Approval

For use in hazardous locations

Environment



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3/25/2024