

Data sheet SM 032 (032-1BB30)

Technical data

Type     SM 032       Module ID     0501 25D8       General information     -       Note     -       Features     2 outputs 12Bit Voitage 010 V       Current consumption/power loss     25 mA       Current consumption/power loss     85 mA       Power loss     1.2 W       Technical data analog outputs     2       Number of outputs     2       Cable length, shielded     200 m       Rated load voitage     yes       Current consumption from load voitage L+ (without load)     -       Voitage output short-circuit protection     yes       Munclaid esistance (voitage range)     5 KOhm       Max. capacitive load (current range)     10 mA       Output voitage ranges     0.V +10 V       Operational limit of voitage ranges     +/-0.3%       Basic error limit voitage ranges     +/-0.2%       Destruction limit against external applied voitage     -       Max. inductive load (current range)     -       Max. inductive load (current range)     -       Current consumption limit against external applied voitage     -       Max. in	Order no.	032-1BB30
General information     Note   -     Features   2 outputs 12Bit Voltage 010 V     Current consumption/power loss   E     Current consumption from backplane bus   85 mA     Power loss   1.2 W     Technical data analog outputs   2     Cable length, shielded   200 m     Rated load voltage   yes     Current consumption from load voltage   yes     Current onsumption from load voltage L+ (without load)   -     Voltage output short-circuit protection   yes     Voltage output short-circuit protection   yes     Number of outputs   yes     Output voltage ranges   0 V +10 V     Operational limit of voltage ranges   +/-0.2%     Basic error limit voltage ranges   +/-0.2%     Destruction limit against external applied voltage   max. 24V     Current outputs   -     Max. inductive load (current range)   -     Max. inductive load (current range)   +/-0.2%     Destruction limit against external applied voltage   max. 24V     Current outputs   -     Max. inductive load (current range)   -     M	Туре	SM 032
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Operational limit of voltage ranges   +/-0.3%     Basic error limit voltage ranges   +/-0.2%     Destruction limit against external applied voltage   max. 24V     Current outputs   -     Max. in load resistance (current range)   -     Max. inductive load (current range)   -     Typ. open circuit voltage current output   -     Output current ranges   -	Max. inductive load (current range)	10 mA
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Max. inductive load (current range) -   Typ. open circuit voltage current output -   Output current ranges -	Current outputs	-
Typ. open circuit voltage current output -   Output current ranges -	Max. in load resistance (current range)	-
Output current ranges -	Max. inductive load (current range)	-
	Typ. open circuit voltage current output	-
	Output current ranges	-
Operational limit of current ranges -	Operational limit of current ranges	-
Basic error limit current ranges -	Basic error limit current ranges	-
Destruction limit against external applied voltage -	Destruction limit against external applied voltage	-
Settling time for ohmic load 1.5 ms	Settling time for ohmic load	1.5 ms
Settling time for capacitive load 2 ms	Settling time for capacitive load	2 ms
Settling time for inductive load -	Settling time for inductive load	-
Resolution in bit 12	Resolution in bit	12
Conversion time 2 ms all channels	Conversion time	2 ms all channels
Substitute value can be applied no	Substitute value can be applied	no
Output data size 4 Byte	Output data size	4 Byte

Status information, alarms, diagnostics



Status display	yes A YASKAWA COMPANY
Interrupts	no
Process alarm	no
Diagnostic interrupt	no
Diagnostic functions	yes
Diagnostics information read-out	possible
Supply voltage display	green LED
Group error display	red LED
Channel error display	red LED per channel
Isolation	
Between channels	
Between channels of groups to	
Between channels and backplane bus	yes
Between channels and power supply	yes
Max. potential difference between circuits	-
Max. potential difference between inputs (Ucm)	-
Max. potential difference between Mana and Mintern (Uiso)	DC 75 V/ AC 50 V
Max. potential difference between inputs and Mana (Ucm)	•
Max. potential difference between inputs and Mintern (Uiso)	-
Max. potential difference between Mintern and outputs	-
Insulation tested with	DC 500 V
Datasizes	
Input bytes	0
Output bytes	4
Parameter bytes	8
Diagnostic bytes	20
Housing	
Material	PPE / PPE GF10
Mounting	Profile rail 35 mm
Mechanical data	
Dimensions (WxHxD)	12.9 mm x 109 mm x 76.5 mm
Weight	60 g
Environmental conditions	
Operating temperature	0 °C to 60 °C
Storage temperature	-25 °C to 70 °C
Certifications	
UL certification	yes
KC certification	yes