

Data sheet SM 032 (032-1CD30)

Technical data

General information         Note       -         Features       4 outputs 16Bit Voltage 010 V         Current consumption/power loss       5 mA         Current consumption from backplane bus       65 mA         Power loss       0.8 W         Technical data analog outputs       4         Cable length, shielded       200 m         Rated load voltage       Pose         Current consumption from load voltage L+ (without load)       -         Voltage output stort-circuit protection       yes         Current consumption from load voltage L+ (without load)       -         Voltage output stort-circuit protection       yes         Min. load resistance (voltage range)       5 kOhm         Max. capacitive load (current range)       1 µF         Max. inductive load (current range)       1 v         Operational limit of voltage ranges       +/-0.2%         Basic error limit voltage ranges       +/-0.1%         Destruction limit against external applied voltage       -         Typ. open circuit voltage current output       -         Vip. open circuit voltage current output       -         Output voltage current range)       -         1 µF       -         Max. in load resistance (current range)       - </th <th>Order no.</th> <th>032-1CD30</th>	Order no.	032-1CD30
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Basic error limit current ranges - Destruction limit against external applied voltage -	Output current ranges	-
Destruction limit against external applied voltage -	Operational limit of current ranges	-
	Basic error limit current ranges	-
Settling time for obmic load 150 us	Destruction limit against external applied voltage	-
country ante for on the load	Settling time for ohmic load	150 µs
Settling time for capacitive load 1 ms	Settling time for capacitive load	1 ms
Settling time for inductive load -	Settling time for inductive load	-
Resolution in bit 16	Resolution in bit	16
Conversion time 200 µs all channels	Conversion time	200 µs all channels
Substitute value can be applied no	Substitute value can be applied	no
Output data size 8 Byte	Output data size	8 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	8
Parameter bytes	10
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