

## SWC2-50KVA controller pentru sudura in puncte

SWC2-50KVA este un controller pentru masini de sudat in puncte, proiectat pentru programarea si monitorizarea parametrilor de sudura, precum si pentru generare de ciclu de sudura pentru blocul de tiristoare modulate in faza care alimenteaza transformatorul de sudura. Prevazut cu o interfata usor de utilizat, si o unitate de procesare centrala robusta si protejata de interferente EMI, produsul este perfect adaptabil tuturor cerintelor tehnologice si de productie.

### Specificatii

ABSOLUTE MAXIMUM RATINGS	Min	Max	Unit
Tensiune de alimentare	180	265	Vac
Tensiune maxima pe intrari (INH)	-0.5	30	V
Curent de iesire max. (OUT-GND)		2	A
Tensiune sarcina max. (OUT-GND)		28	V
Temperatura de lucru max.	-20	+70	C
Temperatura de stocare max.	-35	+85	C
Umiditate relativa max.	5	95	%rH

#### Technical specifications

Tensiune de alimentare nom.	230Vac/0.35A 50Hz
Tensiune de alimentare interna	5Vdc +/-2% /max.2A
Domeniu semnal DIN1..DIN4	0% to 100% duty factor, 0..1MHz
Domeniu semnal CCIN1..CCIN4	0(4)..20mA
Domeniu semnal iesire	0% to 100% duty factor, 0..1kHz
Domeniu tensiune in. DIN1..DIN4	Ulow<1V ; Uhigh>5V max. 12V
Domeniu tensiune in. CCIN1..4	0..28V
Cadere de tens. CCIN1..CCIN4	5V
Tensiune alim. pe DVcc1..4	9Vdc +/-2% max.50mA
Inter-izolatie intrari	1kV
Temporizare (Tp,Tw,Tc,Th,Tr)	0..200 x 10msec
Nr.repetare puls (Tw+Tc)	1..16
Modulatie de putere	5%..95%
Capacitate contor ciclu	10,000,000
Linearitate conversie	0.1% FS(4..20mA) 0.01%(DIN)
Afisaj	graphic LCD display 128x64
Rezolutie	4 digit
Domeniu valori ne-scalate	0-9.999 (SPAN/dnr=1,OFFS=0)
Scalat val=d%*SPAN/dnr+OFFS	+/-999.9 or 99.99 or 9.999
Comunicatie	RS-485iso, Modbus RTU Slave
Dimensiuni	200x150x70 [mm]
Greutate	<250g
Clasa de protectie	IP65(controller), IP20(PH modul)
Carcasa	iPP colorat gri

#### LIMITATIONS

Absolute maximum ratings indicate certain limits beyond which damage to the device may occur. For proper operation the device should be used within the recommended conditions.

The temperature limits are considered under panel mounted and still air conditions.

All voltage parameters are absolute voltages referenced to signal ground.

All currents are positive into any input or output.

#### DISCLAIMER

The information herein is for reference only and shall not be considered as warranted characteristics.

We Iosil Controls reserve the rights to change at any time data and specifications without notice.

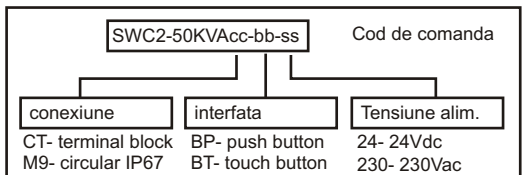
Do not use this document as product installation information. Complete installation, operation, and maintenance information is provided in the instructions supplied with each product.

#### LIFE SUPPORT AND SAFETY

Iosil's industrial control products are designed for machine control in factory automation applications only. They were NOT designed to meet OSHA and ANSI safety standards. Therefore, they should never be used in personal safety applications.

#### LIMITE DE ALARMA PROGRAMABILE

Limite tensiune alimentare	230...265 Vac
Debit apa de racire min.	1..200 l/h
Temperatura bloc SCR max.	20..100 grdC
Presiune aer min.	0.5 bar



### Drawings

