TECNA®

INDUSTRIAL RESISTANCE WELDING SYSTEMS

AC RESISTANCE WELDING CONTROL UNIT

INTEGRATED ETHERNET INTERFACE WITH STANDARD MODBUS TCP/IP

WEB USER INTERFACE

24 VDC POWER SUPPLY

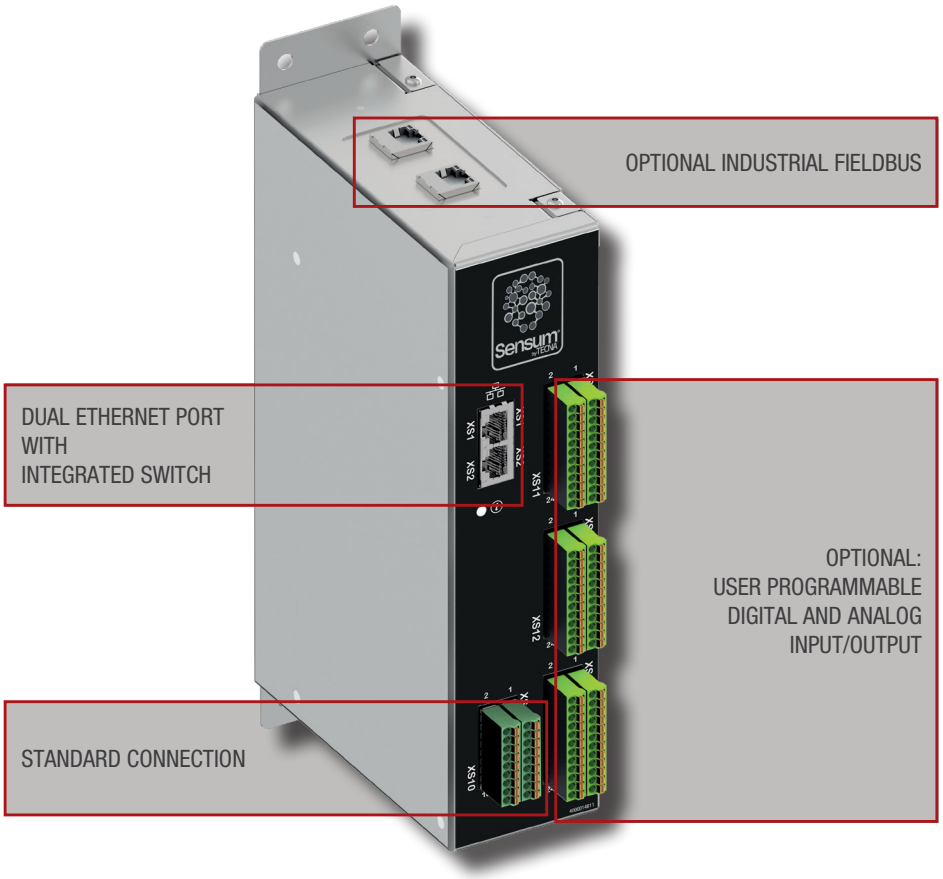
OPTIONAL INDUSTRIAL FIELBUS INTERFACES

OPTIONAL IO EXPANSION BOARD:
- DIGITAL AND ANALOG INPUT/OUTPUT
- WELDING PROCESS SENSORS MANAGEMENT

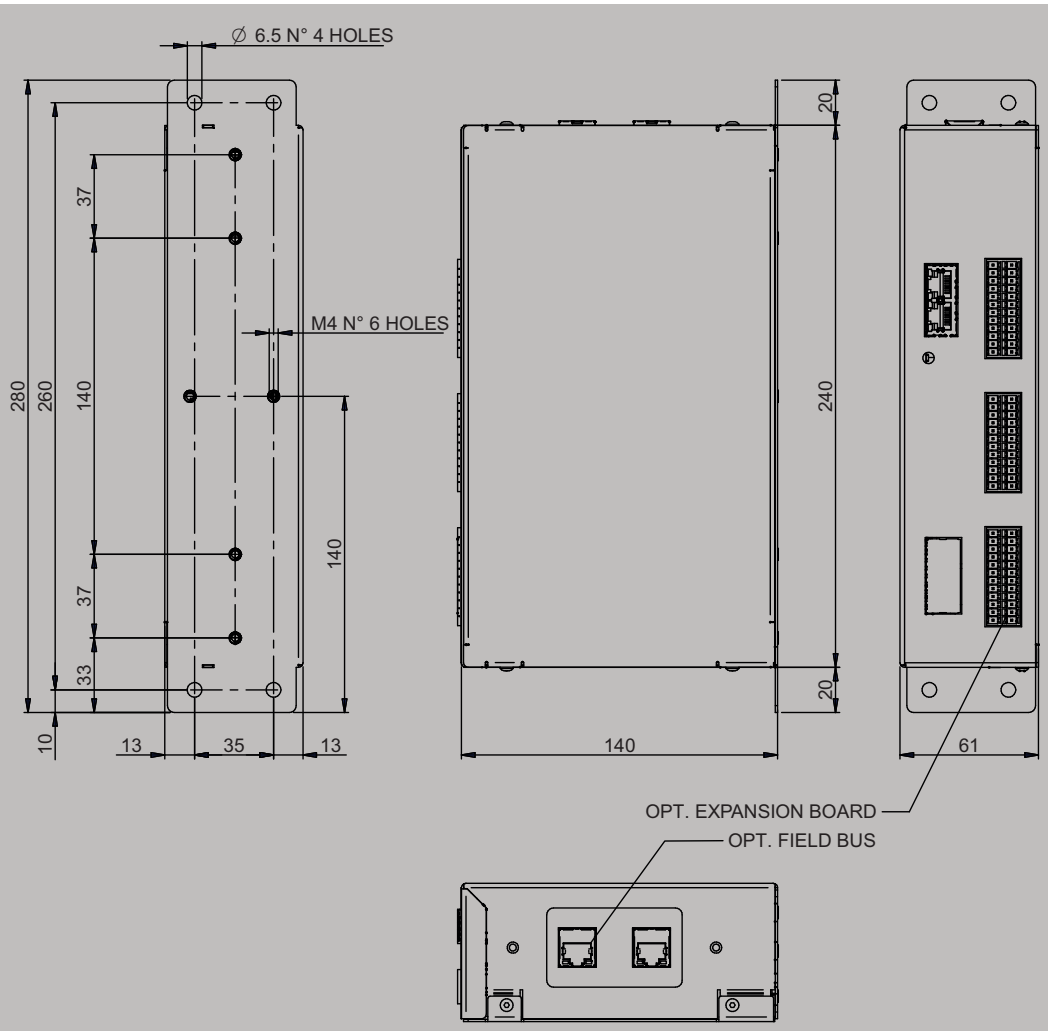
Sensum® by TECNA

the REVOLUTIONARY WELDING EXPERIENCE

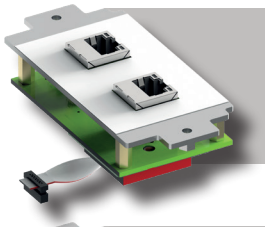
1320



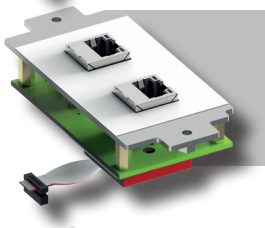
dimensions



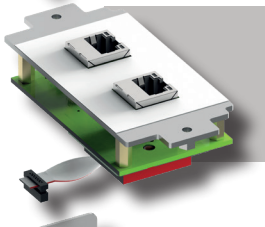
how to order



ITEM NUMBER: **13A03**,
SYMBOL "**R1**"
ELECTRONIC BOARD BUS
ETHERCAT RJ45 FOR
AC CONTROL UNIT



ITEM NUMBER: **13A05**,
SYMBOL "**R2**"
ELECTRONIC BOARD BUS
PROFINET RJ45 FOR
AC CONTROL UNIT



ITEM NUMBER: **13A07**,
SYMBOL "**R3**"
ELECTRONIC BOARD BUS
ETHERNET/IP RJ45 FOR
AC CONTROL UNIT

13	CT	N	E	FB	0

family code

control type
20 - single phase

IO expansion board
N - no IO expansion board
E - IO expansion board

fielbus type
00 - without field bus
R1 - RJ45-EtherCAT
R2 - RJ45-PROFINET
R3 - RJ45-EtherNet/IP

0 - end code

code example: **1320NER20**

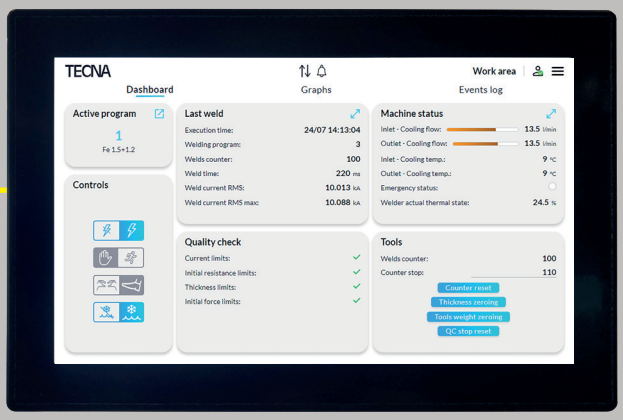
ITEM NUMBER: **18A01**, SYMBOL "**E**"
IO EXPANSION BOARD KIT
7 ANALOG **IN**
21 DIGITAL **IN**
5 SOLENOID VALVES **OUT**
8 DIGITAL **OUT**
3 ANALOG **OUT**

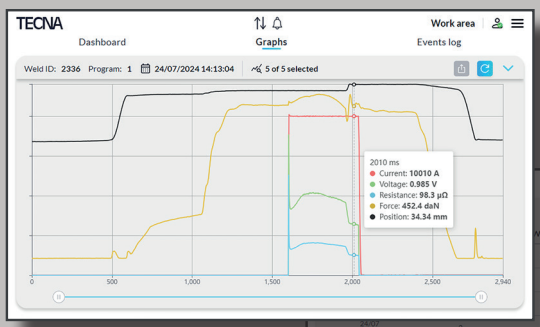
OPTIONAL

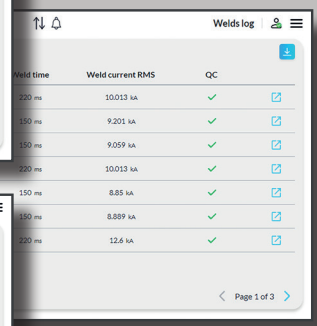
ITEM NUMBER: **13A30**
DIN RAIL MOUNTING KIT

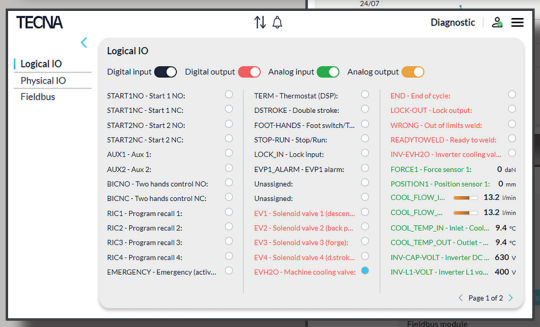
Order the options separately or contact TECNA for special item numbers to be ordered

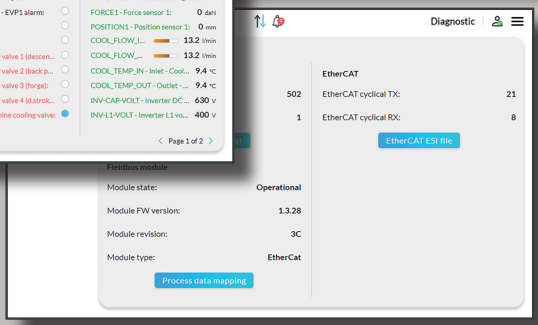
display for multiple controls

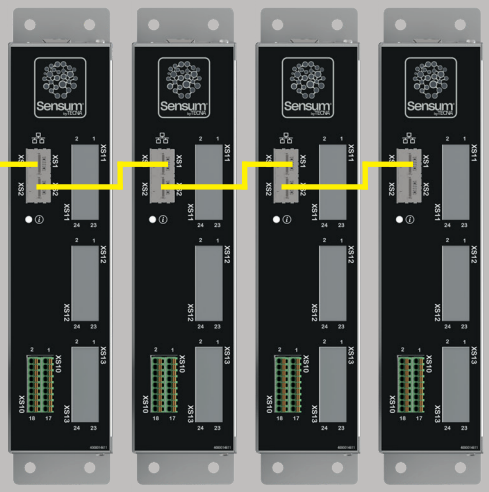












Built-in user interface based on web technologies.
Local and remote access by any web browser.
Easy integration in machine user interface.
Support for different users and roles.
Multilingual support.

accessories for welding control unit

38938	Current transducer - Ø 600 mm	**7760000053**	Mains sync board up to 600 V
39236	Current transducer - Ø 800 mm	**7730000005**	Load cell 1500 daN
2050010002	DIN RAIL Power Supply 24V cc, 5A	**7730000006**	Load cell 8000 daN
50110	Firing module up to 440 V	**2040510018**	Position sensor 100 mm
50278	Firing module up to 600 V	**2040510019**	Position sensor 200 mm
7760000052	Mains sync board up to 230 V	**2040510019**	Position sensor 200 mm
7760000051	Mains sync board up to 480 V		

Sensum® by TECNA

... you got the feeling

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TECNA®
Resistance Welding Systems & Balancers

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