EN1000
SERIES

ENTRON™

NETWORKING COMPONENTS
ENTRON Weld Control Options and Accessories

EN1000/EN1001 Weld Controls With RS485
can communicate with RT4jrs or ENLINK 1000/1001 or USER programmed
PLCs to upload, download, store, retrieve and monitor weld schedules.

RT4jr.

REMOTE TERMINAL RS485
can communicate with weld control
groups to program weld control
parameters at convenient locations.

ENLINK 1000/1001

Windows Based Software
and Personal Computers running
ENLINK 1000/1001 with RS232/RS485
converters may be used as master
devices to communicate with EN1000
Series Controls to upload, download,
store, retrieve, monitor and backup weld
schedules.

ENLINK 1000/1001 is used with EN1000 and EN1001 Controls.
ENLINK 1000/1001 CASCADE is used with EN1000 Cascade and EN1001 Cascade Controls.

S485/U485

RS232 to RS485 OPTION/ USB to RS485 OPTION
Interfaces from RS232 or USB to RS485
are provide for simple interface to USER
provided PCs or PLCs.

485

RS485 OPTION
is available to retrofit EN1000 Series
Weld Controls allowing use of existing
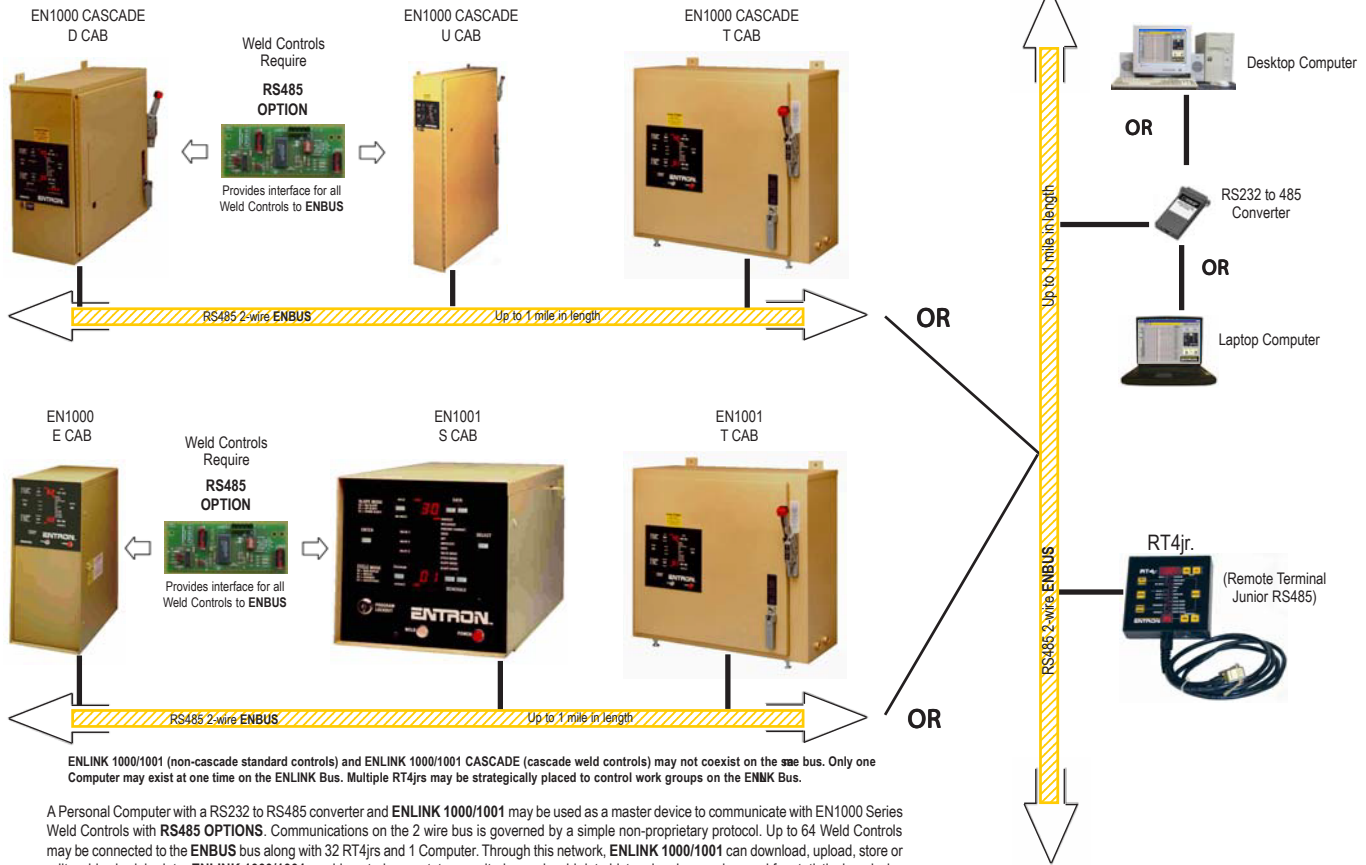weld controls on ENBUS.

Plugs and Cable

Plugs and Cable
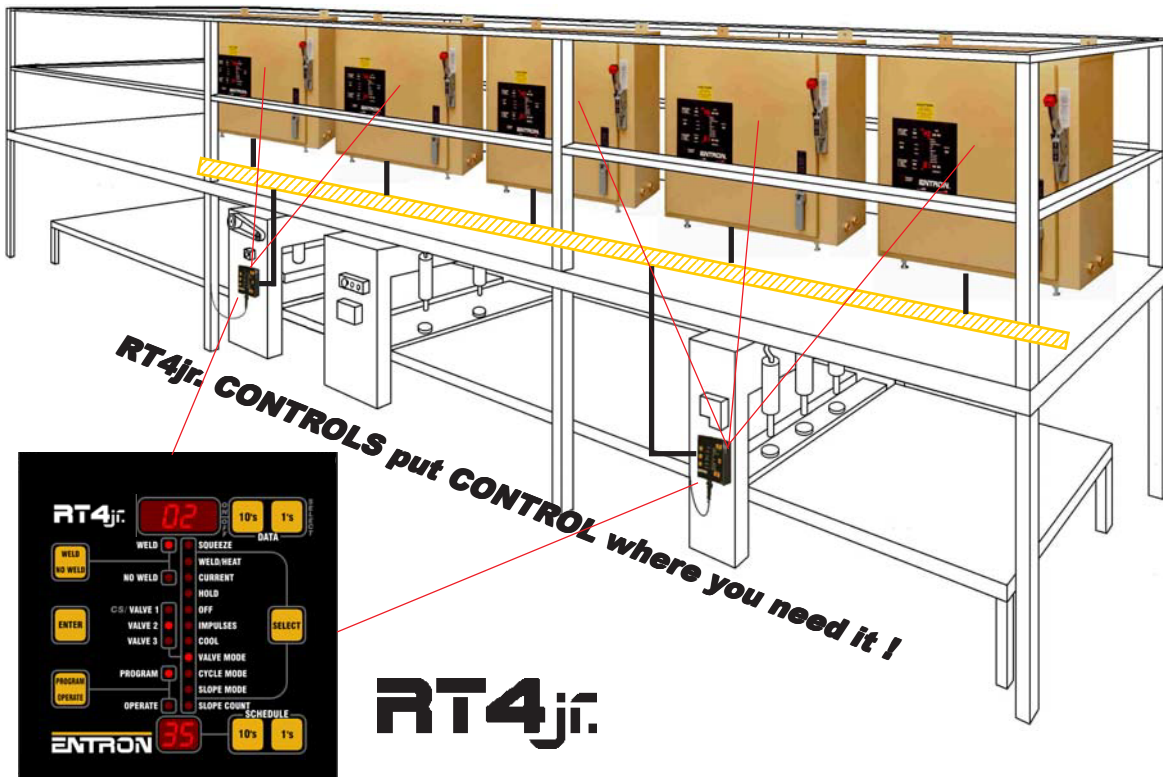and components to complete the ENBUS
network are available.

ENLINK 1000/1001

LET SIMPLE NETWORKING PUT CONTROL WHERE YOU NEED IT !

EN1000 CASCADE D CAB

Weld Controls Require **RS485 OPTION**

Provides interface for all Weld Controls to **ENBUS**

EN1000 CASCADE U CAB

EN1000 CASCADE T CAB

Desktop Computer

OR

RS232 to 485 Converter

OR

Laptop Computer

RS485 2-wire **ENBUS**   Up to 1 mile in length

OR

Up to 1 mile in length

EN1000 E CAB

Weld Controls Require **RS485 OPTION**

Provides interface for all Weld Controls to **ENBUS**

EN1001 S CAB

EN1001 T CAB

RS485 2-wire **ENBUS**

RT4jr.

(Remote Terminal Junior RS485)

RS485 2-wire **ENBUS**   Up to 1 mile in length

OR

ENLINK 1000/1001 (non-cascade standard controls) and ENLINK 1000/1001 CASCADE (cascade weld controls) may not coexist on the same bus. Only one Computer may exist at one time on the ENLINK Bus. Multiple RT4jrs may be strategically placed to control work groups on the ENLINK Bus.

A Personal Computer with a RS232 to RS485 converter and **ENLINK 1000/1001** may be used as a master device to communicate with EN1000 Series Weld Controls with **RS485 OPTIONS**. Communications on the 2 wire bus is governed by a simple non-proprietary protocol. Up to 64 Weld Controls may be connected to the **ENBUS** bus along with 32 RT4jrs and 1 Computer. Through this network, **ENLINK 1000/1001** can download, upload, store or edit weld schedule data. **ENLINK 1000/1001**s weld control error status monitoring and weld data history logging can be used for statistical analysis.

RT4jr. CONTROLS put CONTROL where you need it !

RT4jr.

WELD / NO WELD
SQUEEZE
WELD/HEAT
CURRENT
HOLD
OFF
C.S./ VALVE 1
VALVE 2
VALVE 3
IMPULSES
COOL
VALVE MODE
PROGRAM
CYCLE MODE
SLOPE MODE
OPERATE
SLOPE COUNT
ENTER
SELECT
DATA
SCHEDULE
ENTRON

RT4jr.

RWMA MEMBER

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