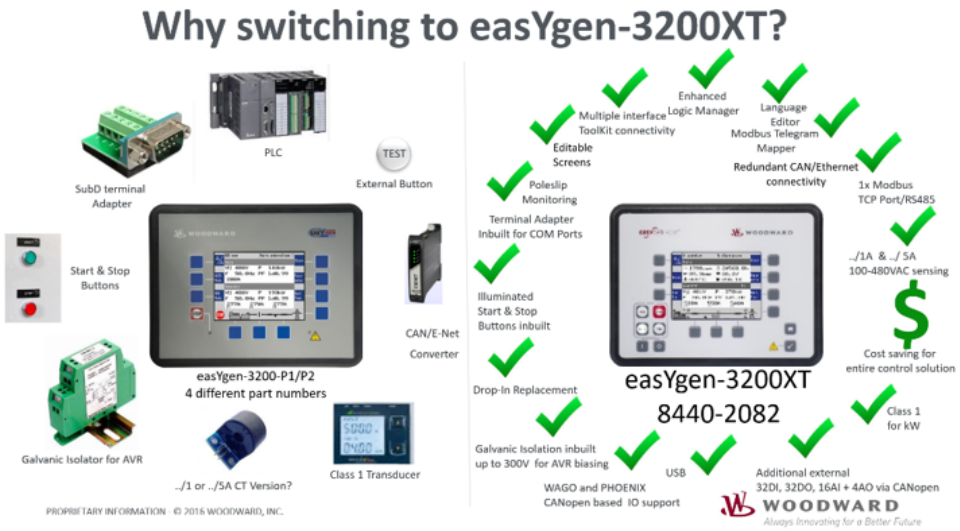
Wiring deltas easYgen-3100/3200/P1/P2 versus easYgen-3100XT/3200

Clemens - 2024-09-27 - easYgen-3000XT



easYgen-3100-P1/P2-3200/P1-P2

many different part numbers like

8440-1804, -1831, -1923, -2050, 2052 and more ....

https://easygen.us/legacy-product-replacement/

easYgen-3100XT-P1/3200XT-P1

part number P/N 8440-2082

easYgen-3100XT/3200XT replace as well

old 3100/3200-P2 Packages

Mechanical dimensions of front panel mounted easYgen-3200XT are same like easYgen-3200.

Mounting space for easYgen-3100XT is same and new control is not as high as old easYgen-3100.

New easYgen-3000XT controls provide same easYgen-3000 Modbus and CANopen Protocols, so that there is no need to touch upper PLC or PMS Systems.

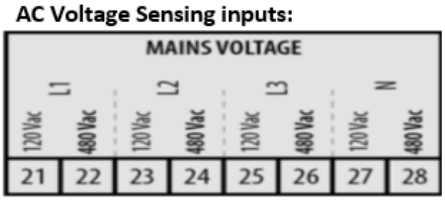
It is as well possible to mix old and new controls within application. Load share Protocols are as well same.
https://support.easygen.org/en/kb/articles/can-i-loadshare-different-easygen-2000-3000-xt-controls

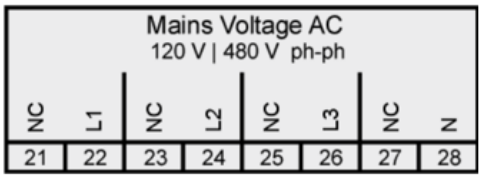
Check out as well our FAQ Database answering a lot of your daily easYgen-3000XT related questions

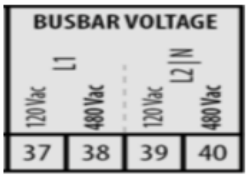
https://support.easygen.org/en/kb

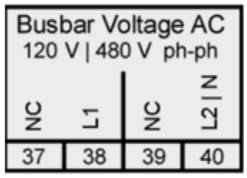
All easYgen-3000XT product specs, manuals, configuration files, drawings, STP 3D Models, XLS Modbus protocol and more you can get here https://wss.woodward.com/manuals/PGC/Forms/AllItems.aspx

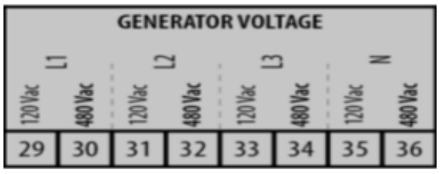
AC Voltage Sensing inputs:

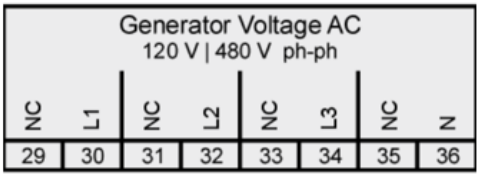








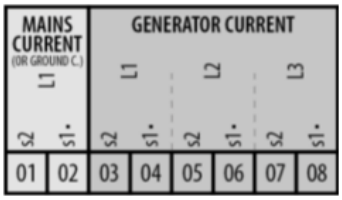


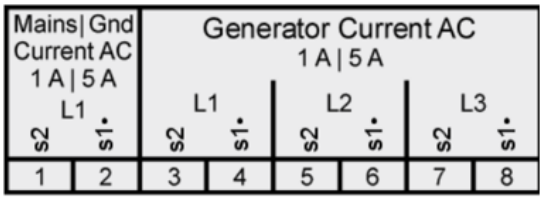


In old easYgen-3000 there are separate terminals for 120VAC and for 480VAC voltage sensing.

In easYgen-3000XT there is only a wide range voltage sensing input covering 120-480 VAC.

AC current sensing:

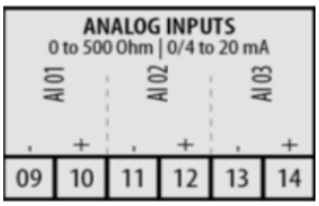


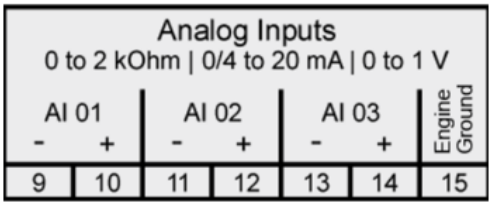


Old easYgen-3000 line had part numbers for ../1A or ../5A.

easYgen-3000XT can be used for ../1A or ../5A current sensing

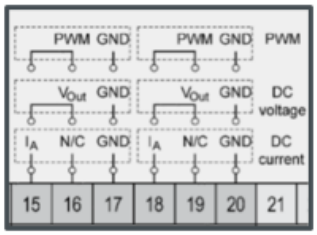
Analog Inputs:

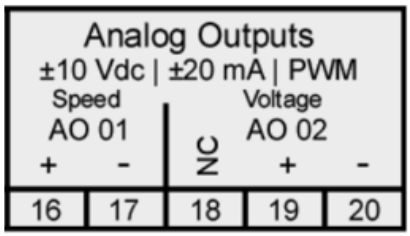




In old easYgen-3000 resistive senders up to 500Ohm and 0/4-20mA were supported. In 3000XT resistive inputs were increased to 2000Ohm and 0-1VDC senders are possible as well.

Analog Outputs:

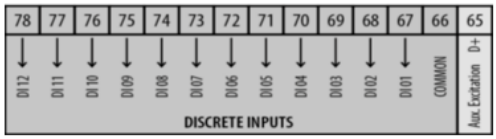


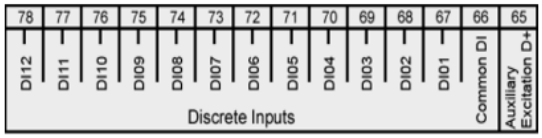


In old easYgen-3000 controls a short link was required to convert current signal into voltage signal.

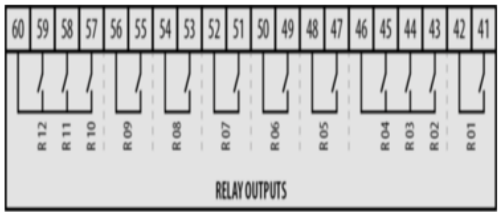
In 3000XT this is done internal so easYgen-3000's terminal 15 is used in 3000XT for engine ground.

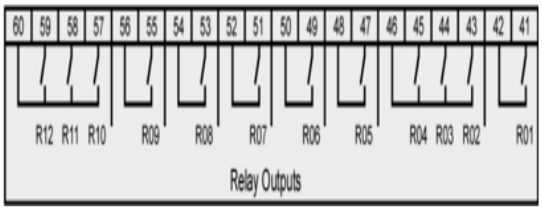
Digital Inputs:





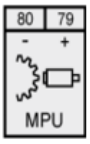
Digital Outputs:



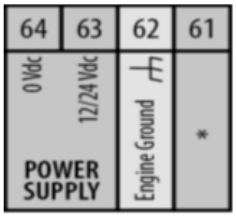


MPU Magnetic Pickup:

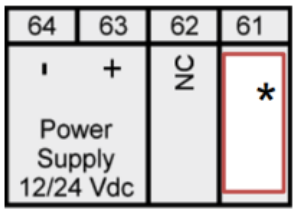




Power Supply:



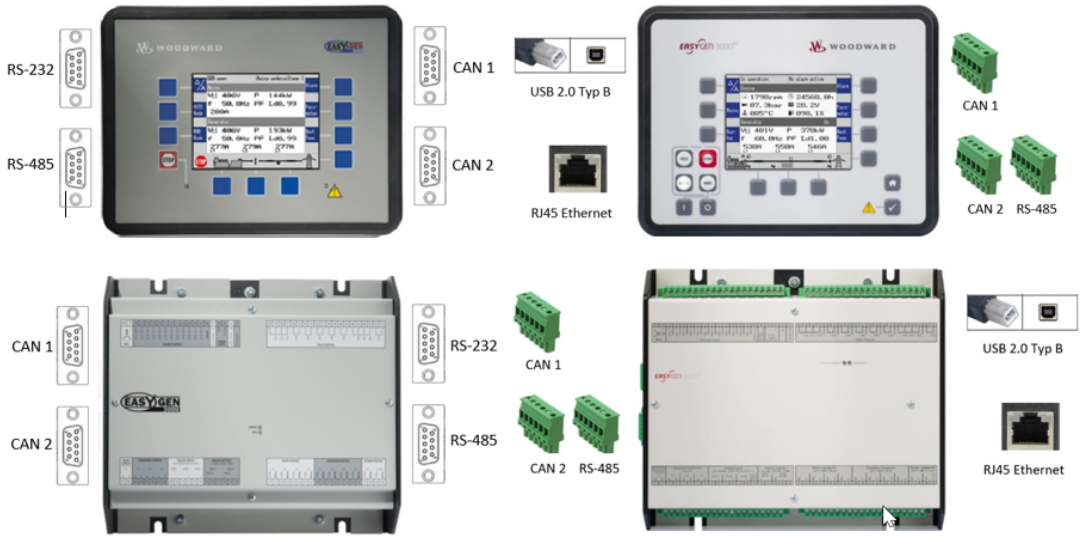
* pin 61
easYgen-3100: No connection
easYgen-3200: Protective earth



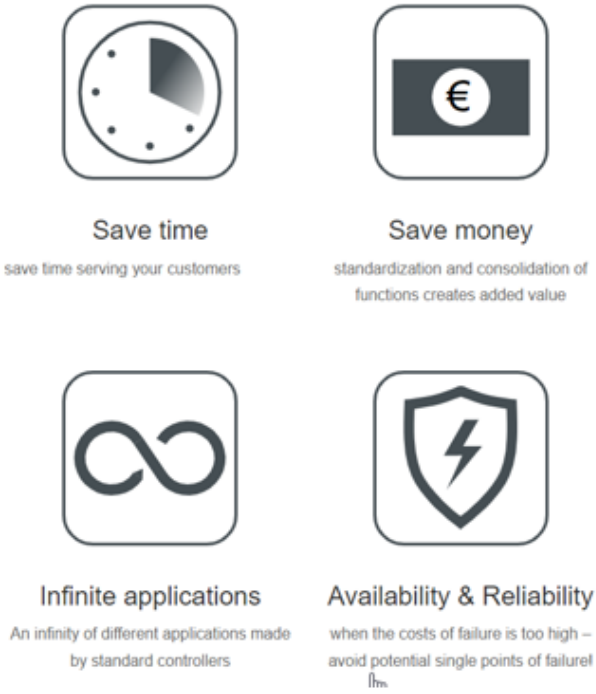
* pin 61
easYgen-3100XT-P1: No connection
easYgen-3200XT-P1: Protective earth

Communication Interfaces:

Old easYgen-3000 had D-sub sockets. RS232 port is used for Toolkit configuration. In easYgen-3000XT RS232 port was replaced by a USB 2.0 service port socket. In easYgen-3000XT D-sub sockets are replaced by terminals







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