

37635 Wiring Terminal Comparison

Use case: Exchange current easYgen with an equivalent easYgen-XT control

Table Below compares easYgen-3000XT terminals with those of easYgen-3000. The comparison covers terminals 1-80 that are available in one PCBA variants i.e. easYgen-3000XT series (easYgen-3100XT-P1, ...-3200XT-P1(-LT), ...-3400XT-P1, and ...-3500XT-P1(-LT)) and easYgen-3000 series (easYgen-3100-P1/P2, ...-3200-P1/P2, ...-3400-P1, and ...-3500-P1)".

Iterminal description Terminal description of current 3000 System changes in 3000XT control Mains/GND Current AC 2 Configure as 1A or 5A. Generator Current AC 9 9 P <td< th=""><th>easYgen-3000XT</th><th>Pin/</th><th>easYgen-3000</th><th>Required wiring changes</th><th>Required software configuration</th></td<>	easYgen-3000XT	Pin/	easYgen-3000	Required wiring changes	Required software configuration
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(37, 39 - NC) <u>39</u> Busbar Voltage AC				upto 690 Vac.	
		40			



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easYgen-3000XT	Pin/	easYgen-3000	Required wiring changes	Required software configuration
terminal description	Terminal	terminal description	of current 3000 System	changes in 3000XT control
	41			
	42			
	43			
	44			
	45			
	46			
	47			
	48			
	49			
Relay Outputs	50	Relay Outputs		
	51			
	52			
	53			
	54			
	55			
	56			
	57			
	58			
	59			
	60	1		
Earth	61*)	Earth		
NC	62	Engine Ground	Move wire from pin 62 to pin 15. Leave pin 62 unconnected.	
Power Supply	63	Dower Supply		
	64	Power Supply		
Auxiliary Excitation	65	Auxiliary Excitation		
Discrete Inputs	66	Discrete Inputs		
	67			
	68			
	69			
	70			
	71			
	72			
	73			
	74			
	75			
	76			
	77			
	78			
MPU	79			
	80	MPU		
		of motal bausing is not a	appacted (constate earth corow)	

*) Pin 61 of metal housing is not connected (separate earth screw)