

<u>Doc. nr.</u> 9124861	<u>Rev.</u> 0	Registration form. Controller replacement Eliwell – ERC - VDH	
-----------------------------------	-------------------------	---	---

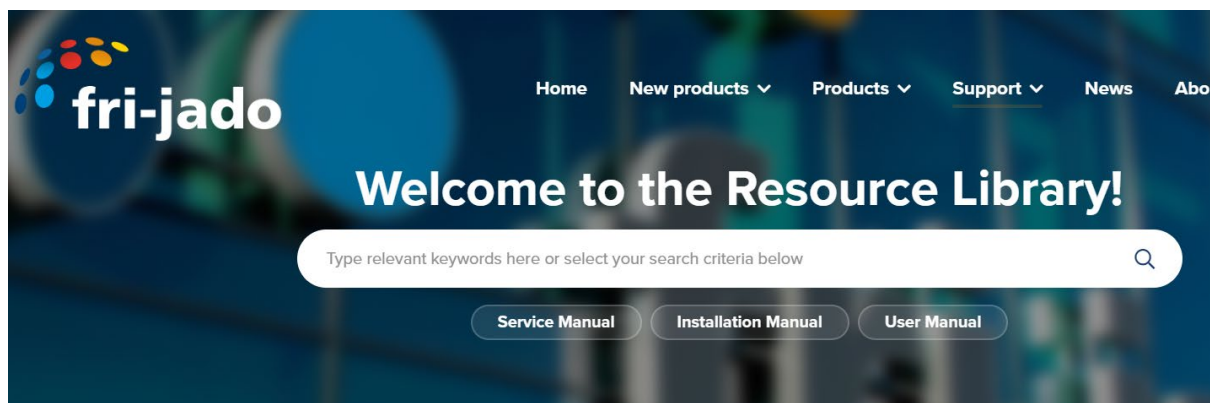
The present controller is the Eliwell ICPlus 902 and is replacing the old controllers for:

- MD
- MDS
- HD
- CC
- MC
- MCC
- MDD

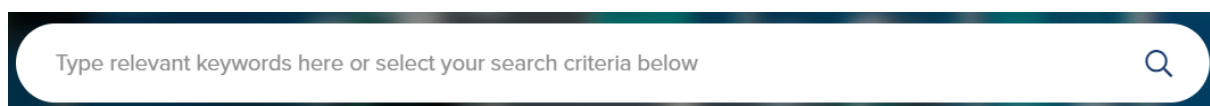
Refer to the table on the next page to select the correct parameter list
Parameter lists can be downloaded from the Frij-jado Resource Library

Link to the website:

<https://www.frijado.com/resource-library/>



You can type the parameter list number from the table in the search field to find the correct parameter list.







Doc. nr. 9124861	Rev. 0	Registration form. Controller replacement Eliwell – ERC - VDH	
----------------------------	------------------	---	---

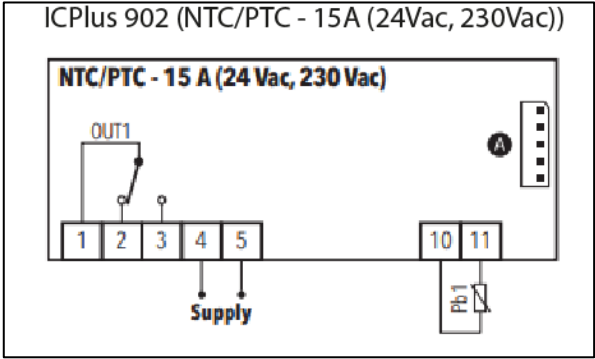
Parameter list - Machine - Type – Country

# parameter list	Machine	Type	Country
9124280	MD	25-40-48-3	USA
9124281	MDS		USA
9124281	MD	multiple	USA
9124290	MD	40-4	USA
9124308	CC	H FS	USA
9124418	HD	3-4-5 SS	USA
9124581	MDS	FD	USA
9124581	MD	FD	USA
9124585	CC	H SS	USA
9124657	MCC	H SS	USA
9124658	MCC	H FS	USA

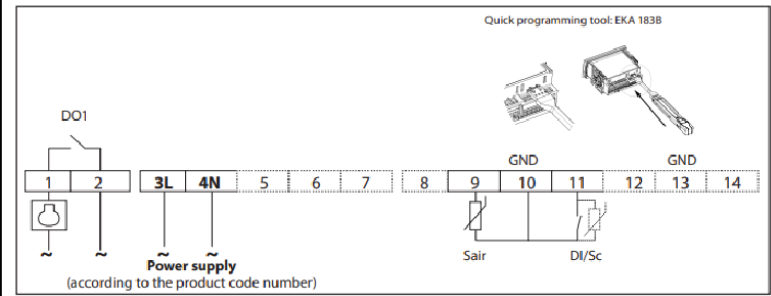
# parameter list	Machine	Type	Country
9124279	MD	120-4 PT	EU + ROW
9124285	MDS		EU + ROW
9124285	MD	multiple	EU + ROW
9124285	CC	H SS	EU + ROW
9124286	MD	multiple	EU + ROW
9124288	HD	FS/SS	EU + ROW
9124300	HD	TT	EU + ROW
9124304	CC	H FS	EU + ROW
9124314	MC	H SS	EU + ROW
9124315	MC	H FS	EU + ROW
9124410	MDD		EU + ROW
9124410	MCC	H SS	EU + ROW
9124563	MCC	SS + A-FD	EU + ROW
9124582	MCC	H FS	EU + ROW
9124724	MDD	60 ST	EU + ROW

Doc. nr.	Rev.	Registration form.	
9124861	0	Controller replacement Eliwell – ERC - VDH	

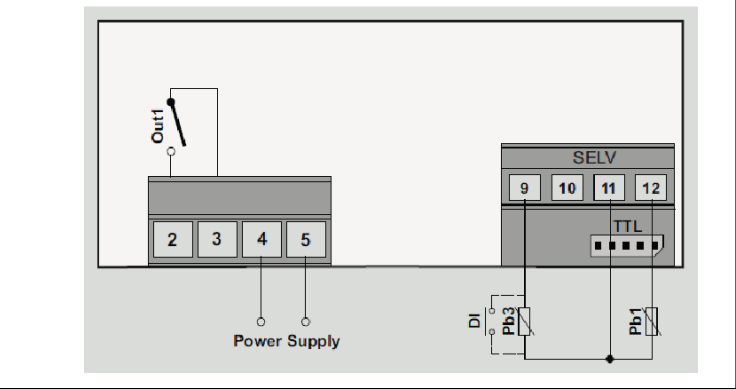
	<div>ERC 211 9221109</div> <div></div>	<div>Eliwell ICPlus 902 9281071</div> <div></div>	<div>Eliwell IDNext 961 9381054</div> <div></div>	<div>VDH Alfa 31 9381055</div> <div></div>
Connections	3L	4	4	1
	4N	5	5	2
	2	1	3	3
	1	3	2	5
	9	10	11	9
	10	11	12	10



4.4.1| ERC 211 - connection diagram

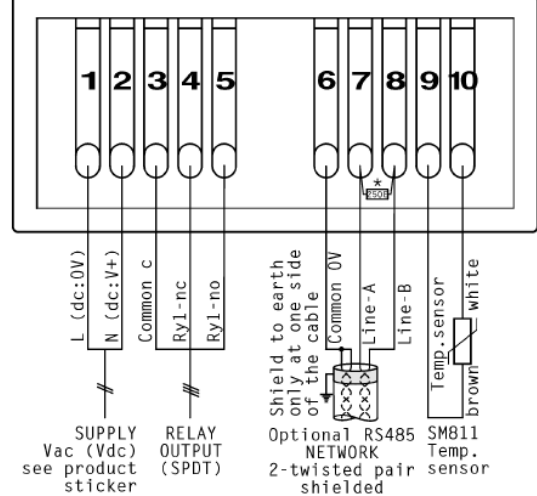


IDNext 961 P (230 Vac)



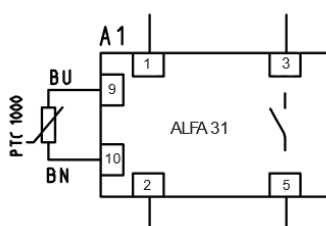
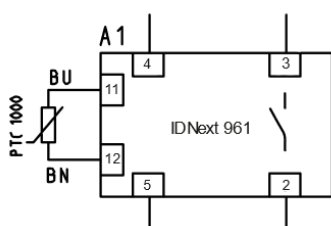
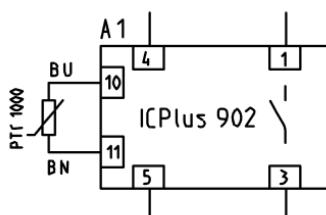
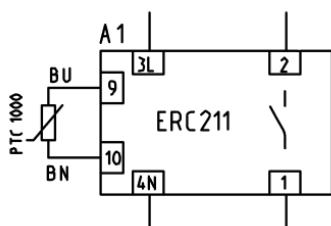
**ALFA(NET)
3X-series**

*)REMARK: To terminate RS485-Network
Connect a 250 Ohm resistor between
Line-A and Line-B at both cable-ends



Doc. nr. 9124861	Rev. 0	Registration form. Controller replacement Eliwell – ERC - VDH	
----------------------------	------------------	---	---

Circuit diagram modifications:



Programming instructions

ACCESSING AND USING THE MENUS

The resources are organized into 2 menus which are accessed as follows:

- **'Machine Status'** menu: press and release the **SET** key.
- **'Programming'** menu: hold down the **SET** key for 5 seconds.

Either do not press any keys for 15 seconds (timeout) or press the **⏏** key once, to confirm the last value displayed and return to the previous screen.

PASSWORD

Password 'PA1': used to access **User** parameters. The password is not enabled by default (**PA1=0**).

To enable it (**PA1≠0**): press and hold **SET** for longer than 5 seconds, scroll through the parameters using **⬆** and **⬇** until you see the label **PS1**, press **SET** to display the value, modify it using **⬆** and **⬇**, then save it by pressing **SET** or **⏏**. If enabled, it will be required in order to access the User parameters.

Password 'PA2': used to access **Installer** parameters. The password is enabled by default (**PA2=15**).

To modify it (**PA2≠15**): press and hold **SET** for longer than 5 seconds, scroll through the parameters using **⬆** and **⬇** until you see the label **PA2**, press **SET**, set the value to '15' using **⬆** and **⬇**, then confirm using **SET**. Scroll through the folders until you find the label **diS** and press **SET** to enter. Scroll through the parameters using **⬆** and **⬇** until you see the label **PS2**, press **SET** to display the value, modify it using **⬆** and **⬇**, then save it by pressing **SET** or **⏏**.

The visibility of **'PA2'** is as follows:

- 1) **PA1≠0 and PA2≠0**: Press and hold **SET** for longer than 5 seconds to display **PA1** and **PA2**. It will then be possible to decide whether to access the User parameters (**PA1**) or the Installer parameters (**PA2**).
- 2) **Otherwise**: The password **PA2** is amongst the level1 parameters. If enabled, it will be required when accessing the Installer parameters; to enter it, proceed as instructed for password **PA1**.

If the value entered is incorrect, the label **PA1/PA2** will be displayed again. Repeat the procedure.