

Installation Guide

Mass Programming Key Type **EKA 201**



080R4224

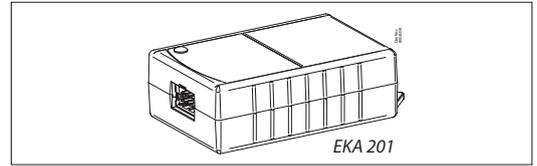


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EKA 201 is a simple programming key to be used for mass programming of a controller in the production assembly line.

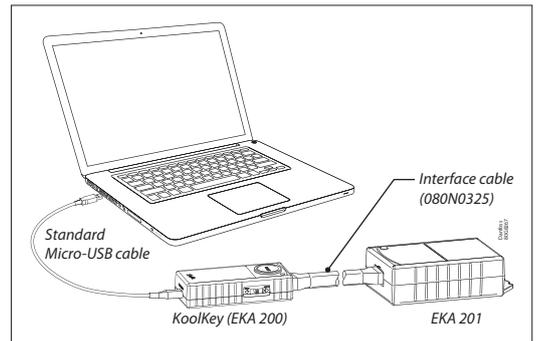
Supported controller types:

- 1. ERC 111, 112, 113 3. EETa 2W & 3W
- 2. ERC 211, 213, 214 4. EKC 223, 224



Writing config file to EKA 201

1. Connect the EKA 201 to a PC using KoolKey (EKA 200) as shown in the diagram
2. Open KoolProg. Go to "copy to device". Browse the file/project (.xml format only) which needs to be loaded to the programming key EKA 201 and click "start".
3. Once the copying is finished, remove EKA 201 from the KoolKey. The programming key is now ready for programming controllers.

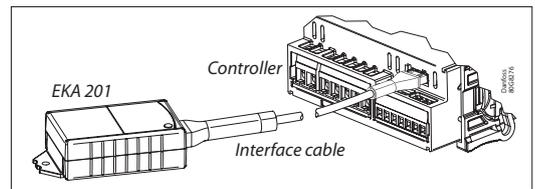


Reading the config file saved in EKA 201

1. Connect the EKA 201 to the PC using KoolKey
2. Open KoolProg and click "Set Parameters". Go to "Import from device".
3. The parameter file saved in EKA 201 will be loaded into KoolProg and displayed on the screen. The file can then be saved/edited on the PC.

Programming controller with EKA 201

1. Power up the controller. Make sure the controllers is connected to mains.
2. Connect the EKA 201 to the controller using the respective controller interface cable.
3. The EKA 201 will automatically start the programming process.



Parameter file transfer steps and LED indication:

Function	Action	Illustration	LED info
Power-up	Connect EKA 201 to the powered-up controller (programming mode).		<ul style="list-style-type: none"> The LED will flash red slowly, indicating that the EKA 201 is powered up.
Write function	Write functions get initiated automatically as soon as the EKA 201 is connected to a powered up controller without any button action.		Yellow LED flashes rapidly Indicating parameter file upload.
File transfer confirmation	Successful file transfers (Write function can take up to 10 s)		Constant green
	Unsuccessful file transfer (Check connection and ensure compatible programing file saved in the EKA 201).		Red flashes rapidly

Note: Do not leave the interface cable hanging from the controller when connected to a live controller.

Ordering

Description	Code no.
Mass Programming Key, EKA 201	080N0021
Interface cable for EET, 0.5 m	080N0325
Interface cable for ERC 11x, 0.5 m	080N0329
Interface cable for ERC 21x / EKC 22x, 0.5 m	080N0327