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# Suzlon MFR13 P/N 8441-1120 MFR1371M/DQ3RSU08UV replacement MFR300-71M/SU08 P/N 8444-1115 for windmill applications

Clemens - 2024-07-18 - [MFR300](#)

SUZLON - P/N: 51025002 is Woodward's P/N 8441-1120 was a customized multifunctional relay called MFR1371M/DQRSU08UV mainly used on 2MW+ wind mills. This MFR13 is connected via CAN bus to the upper level PLC.

This device has a special customized CAN protocol with option Su08.  
P/N 8444-1115 MFR300-71M/SU08 comes with a compatible CAN protocol.

So MFR13 can get replaced by this MFR300, thus you can make sure to maintain the upper PLC.

You can use the same configuration cable P/N 5417-557 DPC-1 or the latest P/N 5417-1251 DPC-USB can be used.

Mains differences :

## MFR13



Dimensions: 96 x 72 x 130 mm  
690 VAC voltage sensing  
../1A current sensing  
Accuracy Class 1  
MFR13M was with 8923-1023 Din rail brackets back panel mounted  
LeoPC configuration software  
2 line numeric display  
1 x Discrete Input  
8 x Discrete Output  
only U, f, Df/Dt, monitoring  
CAN bus Su08

## MFR300



146x128x50 mm  
690 VAC voltage sensing  
../1A current sensing  
Class 0.5  
back panel mounted  
Toolkit software  
no display  
no Discrete Input  
5 x Discrete Output  
additional LVRT monitoring  
Can bus Su08

All MFR300 documentation can be downloaded here:

[https://wss.woodward.com/manuals/PGC/MFR-x00\\_series/MFR-300](https://wss.woodward.com/manuals/PGC/MFR-x00_series/MFR-300)

Toolkit Software:

[https://wss.woodward.com/manuals/PGC/SW\\_Tools/ToolKit](https://wss.woodward.com/manuals/PGC/SW_Tools/ToolKit)

Required configuration files:

[https://wss.woodward.com/manuals/PGC/MFR-x00\\_series/MFR-300/02\\_Config\\_Files\\_](https://wss.woodward.com/manuals/PGC/MFR-x00_series/MFR-300/02_Config_Files_)

