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

Clemens - 2025-09-04 - 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 dislpay
1 x Discrete Input

MFR300



146x128x50 mm
690 VAC voltage sensing
../1A current sensing
Class 0.5
back panel mounted (DIN-rail mount)
Woodward Toolkit software
no display
no Discrete Input

8 x Discrete Output only U, f , Df/Dt, monitoring CAN bus Su08	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

Toolkit Software:

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_