

MFR13 P/N LR20025 replacement MFR300 P/N 8444-1093 for wind mill application

Justin Schneider - 2026-07-27 - [MFR300](#)

P/N LR20025 was a customized multifunctional relay called MFR1375M/PMRSU03UV

mainly used on 1.5MW wind mills. This MFR13 was connected via CAN bus to upper PLC.

There was a special customized CAN protocol with option Su03.

P/N 8444-1093 MFR300-75M/SU03 has same, compatible CAN protocol. So MFR13 can be replaced by this MFR300 without making changes in upper

PLC. Same configuration cable 5417-557 DPC-1 or 5417-1251 DPC-USB can be used

Main differences :

MFR13



Dimensions: 96 x 72 x 130 mm
 690 VAC voltage sensing
 ..5A 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, P monitoring
 CAN bus

MFR300



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

All MFR300 documentation can be downloaded here:

https://wss.woodward.com/manuals/PGC/MFR-x00_series/MFR-300

