MODEL DIFAR44, REV. E
DUAL 3.0KV ISOLATED, DUAL TRANSIENT PROTECTED, RS485 REPEATER

JUMPER DESIGNATIONS & (FACTORY SETTINGS):

ISOLATED 'A' SIDE JUMPERS
J1=1.2K SPLIT BIAS TO +5V (INSTALLED)
J2=1.2K SPLIT BIAS TO +5V (INSTALLED)
J3=1.2K SPLIT BIAS TO COM (INSTALLED)
J4=1.2K SPLIT BIAS TO COM (INSTALLED)
J5=120 OHM TERMINATION (INSTALLED)
(Note: Install J5 for most applications)
J6=ZERO OHMS TO COMMON RJ1-PIN-1 (INSTALLED)
J7=JSPD=A, JEDG=A for operation to 115.2KBPS+
J7=JSPD=B, JEDG=B for operation to 3.0Mbps

ISOLATED 'B' SIDE JUMPERS
J1=1.2K SPLIT BIAS TO +5V (INSTALLED)
J2=1.2K SPLIT BIAS TO +5V (INSTALLED)
J3=1.2K SPLIT BIAS TO COM (INSTALLED)
J4=1.2K SPLIT BIAS TO COM (INSTALLED)
J5=120 OHM TERMINATION (INSTALLED)
(Note: Install J5 for most applications)
J6=ZERO OHMS TO COMMON RJ1-PIN-1 (INSTALLED)
J7=JSPD=A, JEDG=A for operation to 115.2KBPS+
J7=JSPD=B, JEDG=B for operation to 3.0Mbps

PS TRANSIENT PROTECTION JUMPER
JSPR=SHUNT 50 OHM 4 WATT SERIES RESISTOR
INSTALL JUMPER FOR LESS THAN 18V OPERATE
REMOVE TO PROVIDE ENHANCED POWER DISSIPATION
FOR TRANSIENTS ABOVE 35VDC MAX INPUT VOLTAGE
INSTALL JSPR FOR 12-24VAC OPERATION

CALL 513-874-4796 IF ADDITIONAL INFORMATION IS REQUIRED.