



Transfer: MP 7650 Microprocessor Controller

Features

- UL 1008 Listed
- LCD Backlit Display, 2 Lines, 20 Characters Each, User Input Keypad - 4 Buttons (Membrane Style)
- MP7650 Control Inputs
 - Key Pad Disable
 - Load Test (Cycled or Maintained)
 - Override Pushbutton
 - Remote Load Test*
 - Synchronizer*
 - Load Demand Inhibit*
 - Ground Fault Protection Relay*
 - Reverse Power Condition* (Normal & Emergency)
 - Remote Disconnect*
 - Peak Shave*
- System Status LED's
 - System Not in Automatic
 - System Ground Fault*
 - Source Available (Normal & Emergency)
 - Switch Position (Normal & Emergency)
 - Reverse Power* (Normal & Emergency)
 - Switch Withdrawn* (Normal & Emergency)
 - Switch Tripped* (Normal & Emergency)
 - Switch in Test* (Normal & Emergency)
- Maximum: 48 Diagnostic LED's for System Troubleshooting
- Dry, Form "C", Contacts for Customer Interface

SIN	Switch in Normal	2 Sets
SIE	Switch in Emergency	2 Sets
- NOR Normal Source Available* 2 Sets
- EMR Emergency Source Available* 2 Sets
- TBRL Trouble 2 Sets
- ES Engine Start 1 Set
- EC Pre-transfer Signal* 2 Sets
- Dry Form "C", Contacts for System Control

TN	Normal Tripped*	1 Set
TE	Emergency Tripped*	1 Set
CE	Close Emergency	1 Set
CN	Close Normal	1 Set
OE	Open Emergency*	1 Set
ON	Open Normal*	1 Set
- Up to 9 field programmable timers

TDES	Time Delay Engine Start
TDE	Time Delay Emergency
TDN	Time Delay Neutral*
TDR	Time Delay Return
TDEC	Time Delay Engine Cool Down
MRT	Minimum Run Timer
TDBT	Time Delay Before Transfer*
SFT	Synchronize Fail Timer*
SPPT	Single Phase Protection Timer*
- Engine Exerciser Clock for weekly testing with or without load.
- Available for open or closed transition
- Only available with certain accessories, consult factory for details.

*Optional Accessories

Microprocessor System Specifications

MP 7650 MICROPROCESSOR SYSTEM

Operating Voltage	12Vdc or 24Vdc
Power Consumption: Passive Monitoring	24 ~ 48 VA / 2A @ Selected Voltage
Power Consumption: Operating MC Units	Max Inrush: 500 VA
Customer Connection Contact Type	Form "C" Dry Contacts / [C, NO, NC]
Customer Connection Contact Rating	10 Amps Max Contacts
Ambient Temperature: Operating	-20°C to +60°C [-4°F to 140°F]
Humidity	5 to 85% RH, no condensation
Weight	51.5 oz., 3.2 lbs. (F.R.U.)
Industrial Control Equipment	UL 1008 Listed
Construction	Solid State Circuitry
Transfer Capabilities	Open, Closed, Dual Prime
Communication	Modbus
Dimensions (W x H x D)*	7" x 10 3/8" x 1 1/2"



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