DUAL® FOR I-CORE®

Number of Stations: **Up to 48**

Type: **Decoder**

FEATURES

- Two-wire decoder system for I-Core controllers
- Decoder station sizes available: 1, 2
- Field programmable decoders (no serial numbers to enter)
- DUAL-S external surge protection module
- DUAL decoder module display and push button programming make it easy to program decoders at the controller itself
- Decoder module displays decoder operation and diagnostic information
- Can operate up to 48 stations of combined decoder and conventional control making system retrofit easy
- Waterproof connectors for connection to two-wire path included with all DUAL decoders and DUAL-S surge protection
- Number of two-wire paths: 3
- Solenoid finder feature assists in locating valves in the field
- Wireless programming with ICD-HP
- ► Programmable decoders

DUAL SPECIFICATIONS

- Max. recommended distance, decoder to solenoid: 30 m
- Max. distance to decoder
- 2 mm² wire path: 1,500 m
- 3.3 mm² wire path: 2,300 m

APPROVALS

- CE, UL, cUL, C-tick, FCC
- ▶ = Advanced Feature descriptions on pages 99



DUAL48M Decoder Output Module

Height: 3.5 cm Width: 11 cm Depth: 10 cm





DUAL Decoders Height: 7.6 cm Width: 4.4 cm Depth: 5 cm

| Surge Arresto |
|---------------|
| Height: 7 cm |
| Width: 4.4 cm |

Depth: 5 cm

| DUAL | | | |
|------------|---------|--|--|
| Base Model | Plus | Description | |
| IC-600-PL | DUAL48M | 48-Station controller, indoor/outdoor, plastic cabinet (USA) | |
| IC-601-PL | DUAL48M | 48-Station controller, indoor/outdoor, plastic cabinet (international) | |
| IC-600-M | DUAL48M | 48-Station controller, indoor/outdoor, metal cabinet | |
| IC-600-PP | DUAL48M | 48-Station controller, indoor/outdoor, plastic pedestal | |
| IC-600-SS | DUAL48M | 48-Station controller, indoor/outdoor, stainless steel cabinet | |
| | | | |

| DUAL Model | Description |
|------------|---|
| DUAL48M | Dual decoder output module. Plug-in module converts any I-Core controller to two-wire decoder system (up to 48-Station maximum) |
| DUAL-1 | DUAL 1-Station decoder (includes 2 DBRY-6 connectors) |
| DUAL-2 | DUAL 2-Station decoder (includes 2 DBRY-6 connectors) |
| DUAL-S | Dual surge arrestor (includes 4 DBRY-6 connectors) |
| | |

| ID WIRE MODEL GUIDE | | | | | | | |
|------------------------|---------------|---|---------------|--|--|--|--|
| 2 mm² Decoder Cable | | 3.3 mm² Long Range, Heavy-duty Decoder Cable | | | | | |
| ID1GRY | Grey jacket | ID2GRY | Grey jacket | | | | |
| ID1PUR | Purple jacket | ID2PUR | Purple jacket | | | | |
| ID1YLW | Yellow jacket | ID2YLW | Yellow jacket | | | | |
| ID10RG | Orange jacket | ID2ORG | Orange jacket | | | | |
| ID1BLU | Blue jacket | ID2BLU | Blue jacket | | | | |
| ID1TAN | Tan jacket | ID2TAN | Tan jacket | | | | |

| MAXIMUM WIRE RUNS | WIRE RUNS | | |
|---------------------------------|---------------------------------|--|--|
| ID 1 Wire | ID 2 Wire | | |
| 1500 m with I-Core/DUAL systems | 2300 m with I-Core/DUAL systems | | |
| 3 km with ACC/ICD systems | 4.5 km with ACC/ICD systems | | |