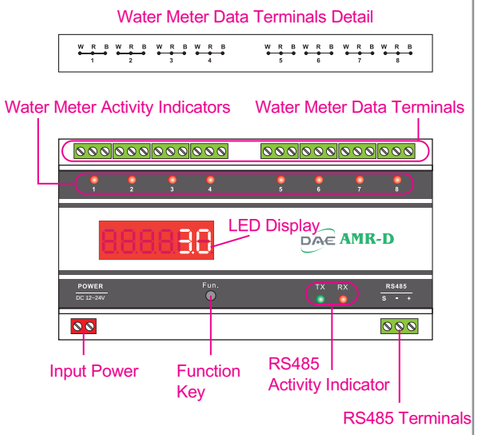
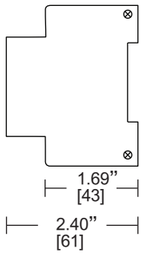
AMR-D-DC

Installation Guide

1 Front Panel



2 Dimensions



Unit：Inch [mm]
Weight：330g

3 Warnings & Precautions

Advisory

- Please make sure that the end user gets this manual.
- Please refrain from copying this manual in whole or in part, as any part of this manual many change without notice.
- The contents of this manual have been checked for correctness and accuracy, but if any mistake or error is found please inform us so we may make the necessary corrections.

⚠ Danger

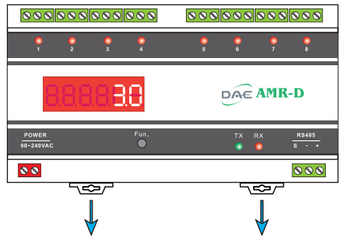
To prevent the risk of electric shock, turn off all sources of electrical power to the device prior to installation or wiring.

⚠ Warnings

- Install only by a qualified and trained personnel.
- Follow these instructions accordingly, otherwise damage may occur to the device.
- Follow electrical rules and regulations in the selection of wire materials and gauges.
- Avoid having oil, water, metallic powder or other foreign substances enter the device.
- Avoid using the device in environments where it will be exposed to steam, corrosive, or flammable substances; which can cause short circuits, fires, or explosions.

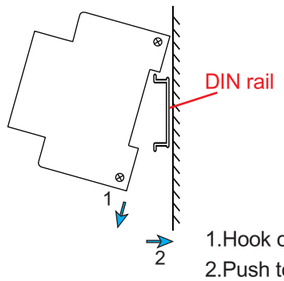
4 Mounting

Step 1：



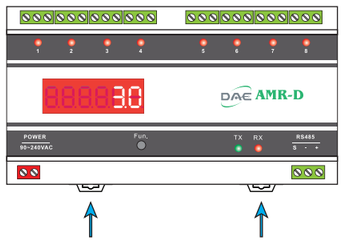
Pull down the latches

Step 2：



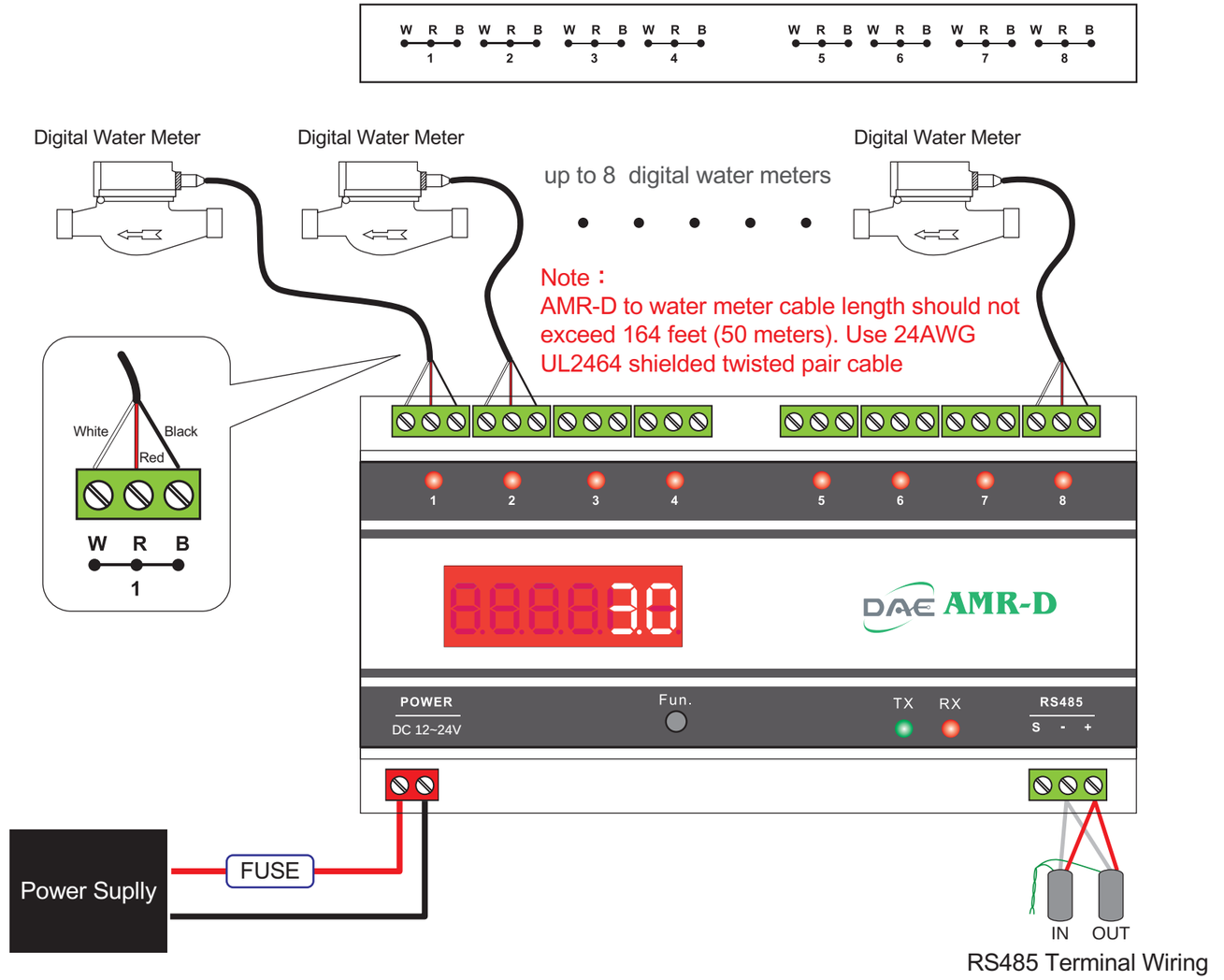
1.Hook onto the DIN rail
2.Push towards the wall

Step 3：



Push up the latches

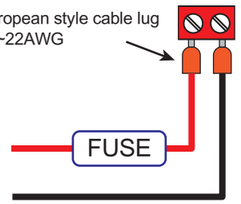
5 Wiring Diagram



RS485 Terminal Wiring

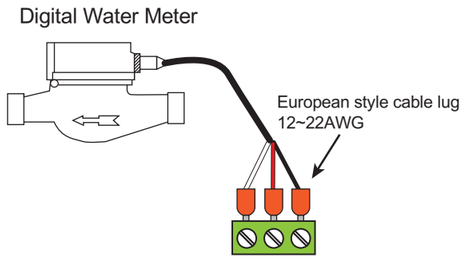
6 Terminal & Wiring Detail

● Power Wiring

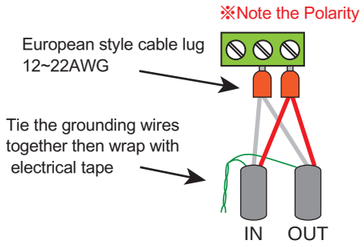


Please follow your local electrical regulations in selecting the wire type and material

● Water Meter Data Wiring

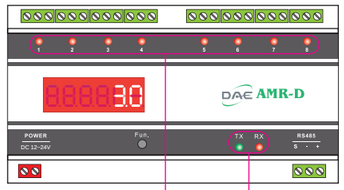


● RS485 Wiring



24~22 AWG UL2464 shielded twisted pair cable

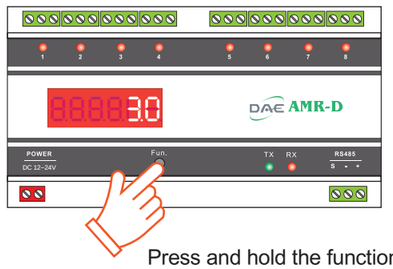
7 LED Indicators



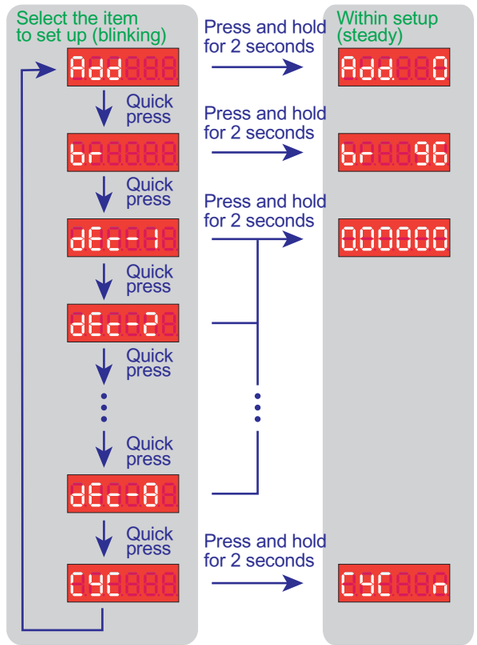
RS485 Activity Indicators

Status	Description
Dark	Communication normal
Lit	No communication or disrupted
Blink	Communication ongoing

8 Setup & Configuration



Press and hold the function key
for 2 seconds to enter setup mode

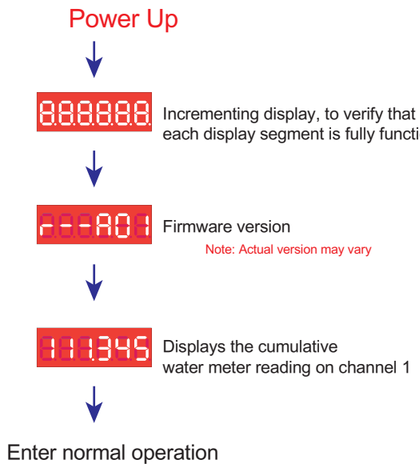


Factory Defaults:

Parameter	Default Value
Add	0
br	9600
dEC	0.00000
CYC	n

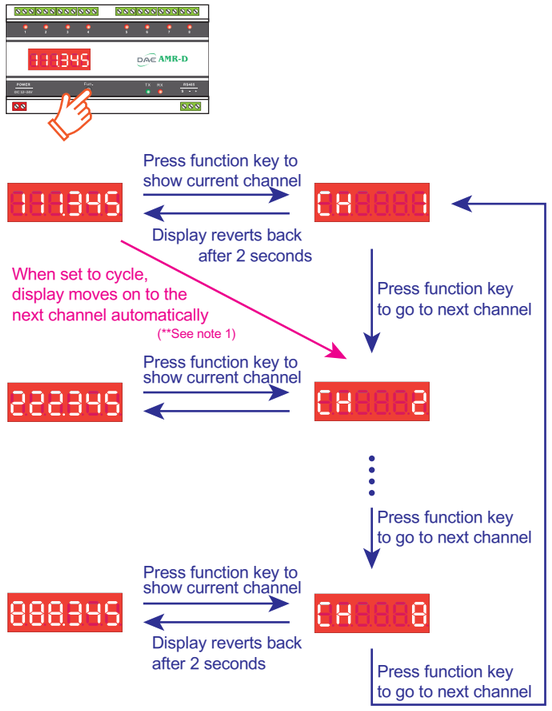
9 Display Operation

●Power Up Display

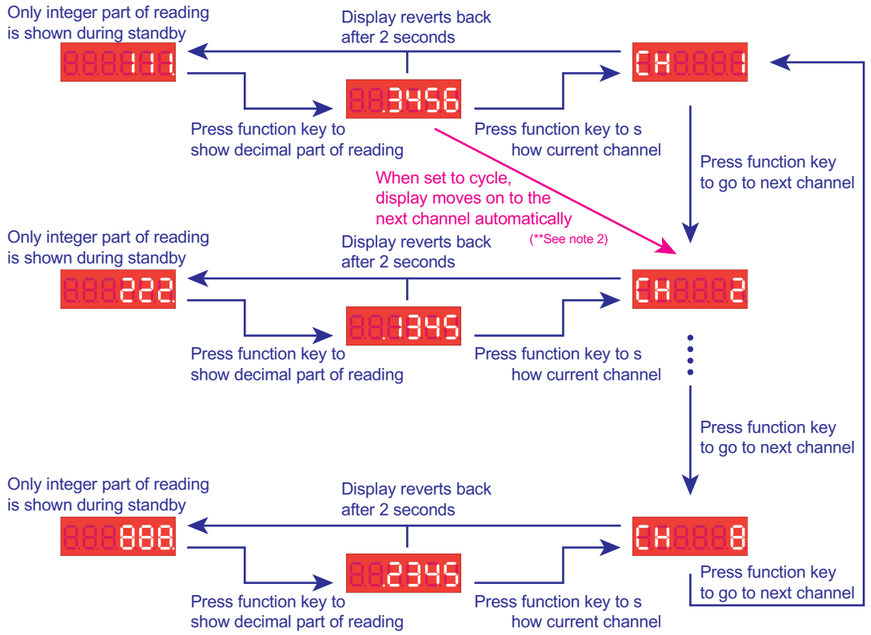


●Two Types of Display Behavior

1. Meter reading with less than 6 digits



2. Meter reading with greater than 6 digits



**Note 1: Channel is shown for 2 seconds, meter reading is shown for 10 seconds
**Note 2: Channel is shown for 2 seconds, integer part of meter reading is shown for 5 seconds, decimal part of meter reading is shown for 5 seconds

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