

CONTENT

1. PRODUCT INTRODUCTION

1~2page

- A. Characteristic
- B. Specification
- C. Feature
- D. Timing chart

2. HOW TO CONNECT DIAGRAM

3~4page

- A. Connection Diagram 1
- B. Connection Diagram 2

3. CAUTION

5page

1. PRODUCT INTRODUCTION

A. Characteristic

DS-SR-T100 (BK-120J1) is braking device controller of electro-magnet. It controls the motors of such as crane and hoist

- 1) Increased operation speed of rectifier.
- 2) Decreased stress of motor and brake
- 3) Decreased in-rush current when starting motor

B. Specification

Input : 3 Phase AC 380V~480V

Operation power input : 1 Phase AC 110V~ 220V (Free Voltage)

Hertz : 50/60hz

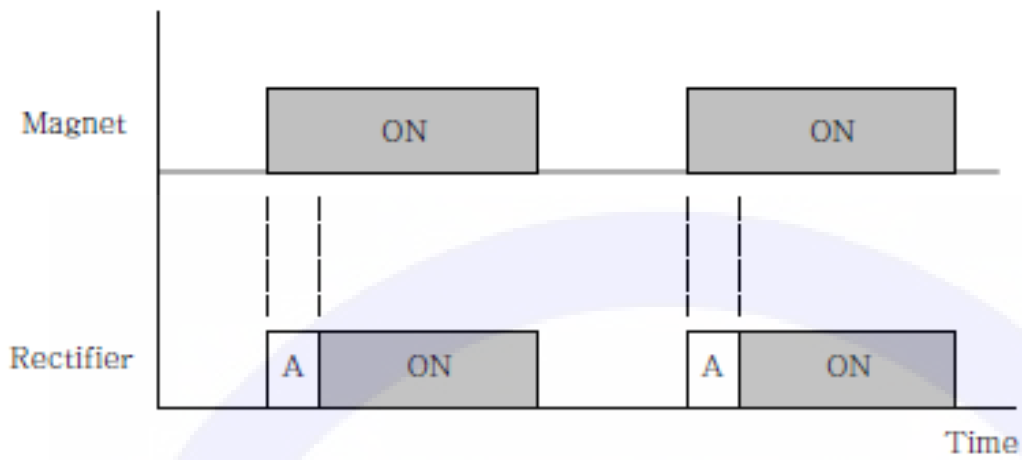
Output : DC 90V 12A

Humidity: Under 90%RH

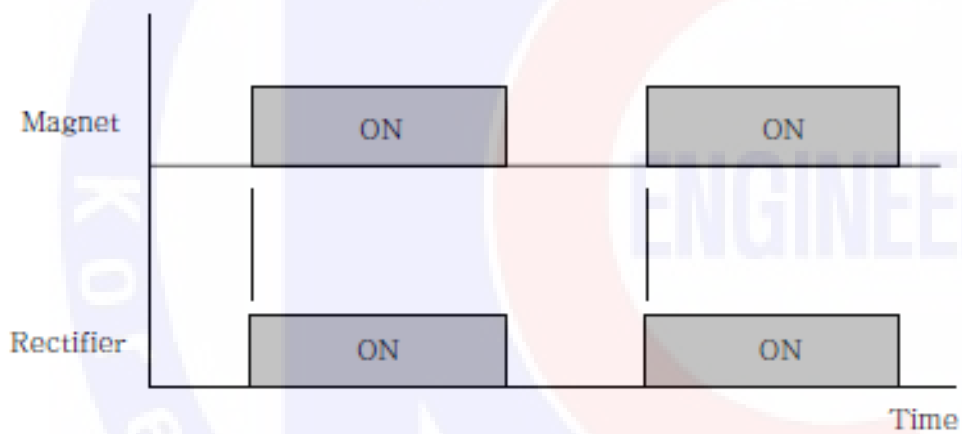
C. Feature



D. TIMING CHART



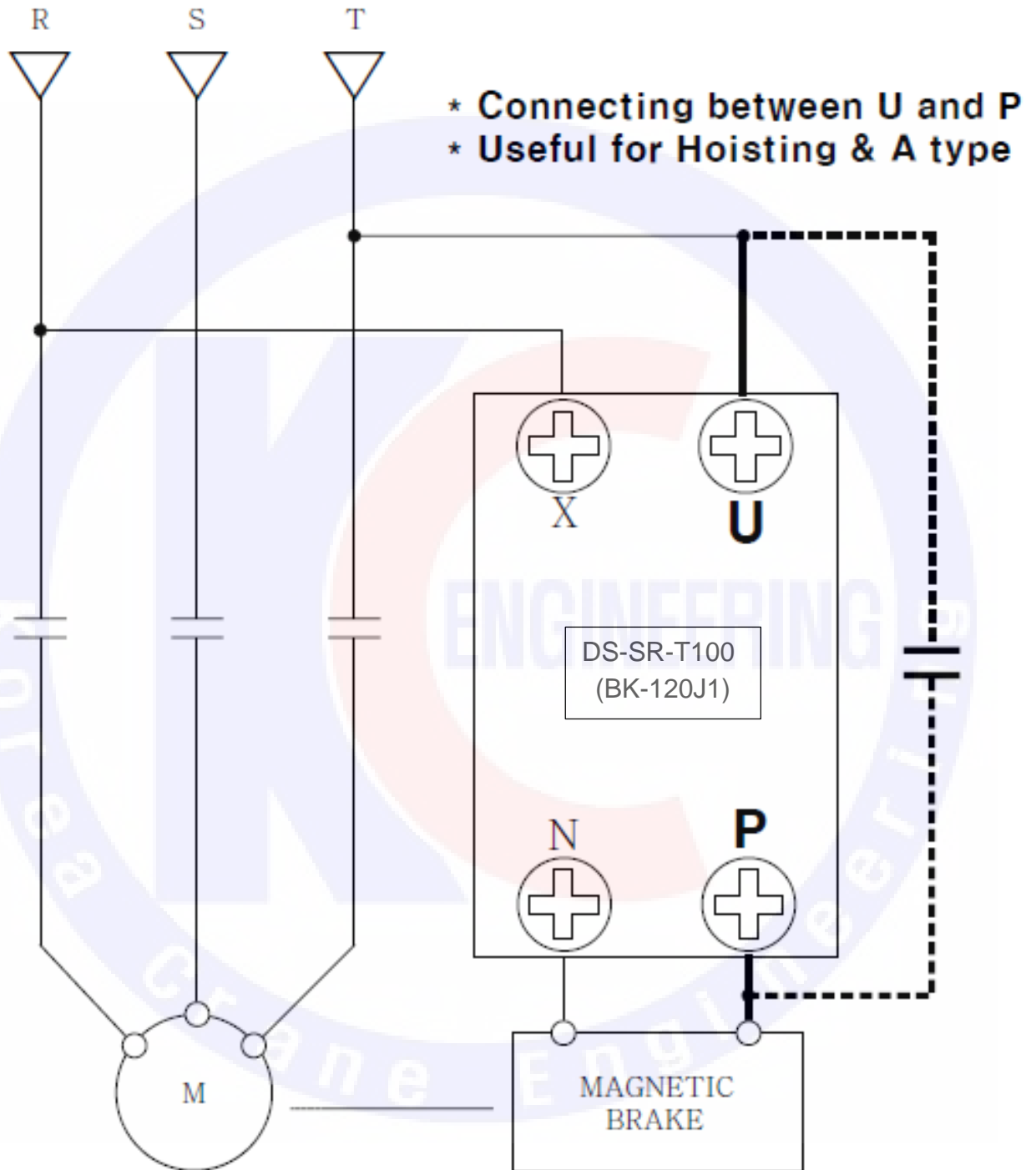
Note : "A" is delaying time of IC & Power circuit operation



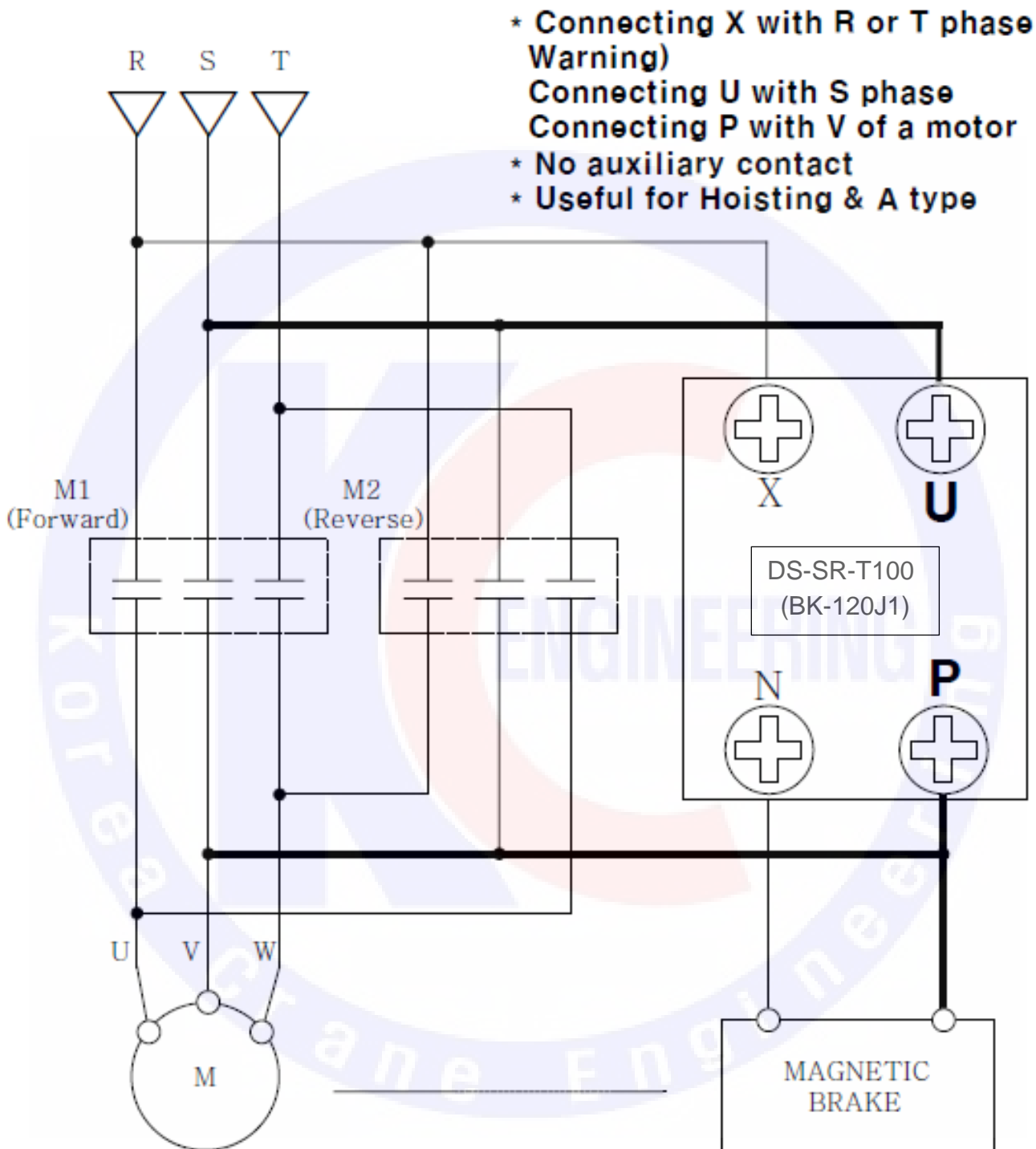
**** Our product does not have delayed time of IC& circuit operation.**

2. HOW TO CONNECT DIAGRAM

A. Connection Diagram 1



B. Connection Diagram 2



3. Caution

- 1) DS-SR-T100 (BK-120J1) can be used according to specified power supply voltage and frequency.
- 2) Do not install this product near water, and oil, dirt.
- 3) Do not install this product near strong vibration or shock.
- 4) Do not install in a sealed place or a place where has severe temperature.
- 5) Do not disassemble or modify the product. It will cause the safety problem and malfunction.
- 6) Install the apparatus according to specified instruction and connection diagram manual.
- 7) Please use being stabilized power supply environment, because abnormal operation can be caused by excessive noise power, surge and un-stabilized power supply.

