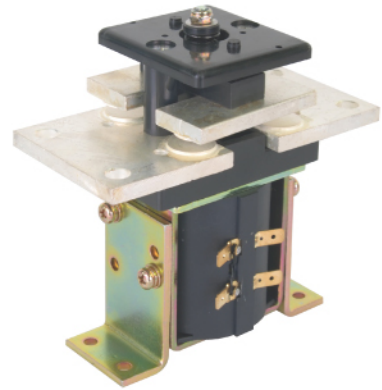


# CTS800 Series

## CTS600A, 800A



### 코일정격 (Magnet coil ratings)

| Nominal | Item | Nominal current (mA) | Coil resistance (Ω) | Pull-in voltage (V) | Drop-out voltage (V) | Max. voltage (V) | Coil power(W) dissipation |
|---------|------|----------------------|---------------------|---------------------|----------------------|------------------|---------------------------|
| DC      | 100  | 145                  | 690                 | 70% max.            | 10% min.             | 110%             | 13 to 20                  |
|         | 60   | 245                  | 245                 |                     |                      |                  |                           |
|         | 48   | 305                  | 157                 |                     |                      |                  |                           |
|         | 24   | 600                  | 40                  |                     |                      |                  |                           |
|         | 12   | 1,225                | 9.8                 |                     |                      |                  |                           |
|         | 6    | 2,400                | 2.5                 |                     |                      |                  |                           |

Notes : 1. Nominal current and coil resistance are measured at +20℃.

2. Differences of coil resistance are ±10%.

3. Performance characteristic coil temperature is measured at 20℃.

### 접점정격 (Contact ratings)

(60VDC)

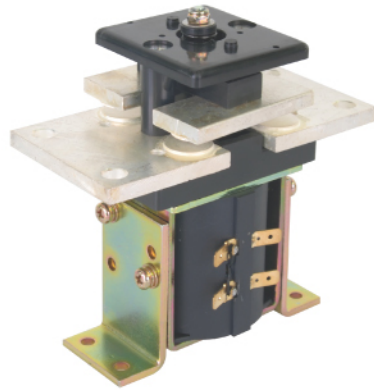
| Item                                  | Type | 1Pole Resistive load (cosφ = 1) |          |
|---------------------------------------|------|---------------------------------|----------|
|                                       |      | CTS600                          | CTS800   |
| Carry current                         |      | 600A                            | 800A     |
| Max. switching current                |      | 600A                            | 800A     |
| Max. switching capacity               |      | 36,000W                         | 48,000W  |
| Voltage drop across contacts per 100A |      | 15mv max.                       | 15mv max |
| Description                           |      | S.P On/Off                      |          |

### 주문방법 (Ordering information)

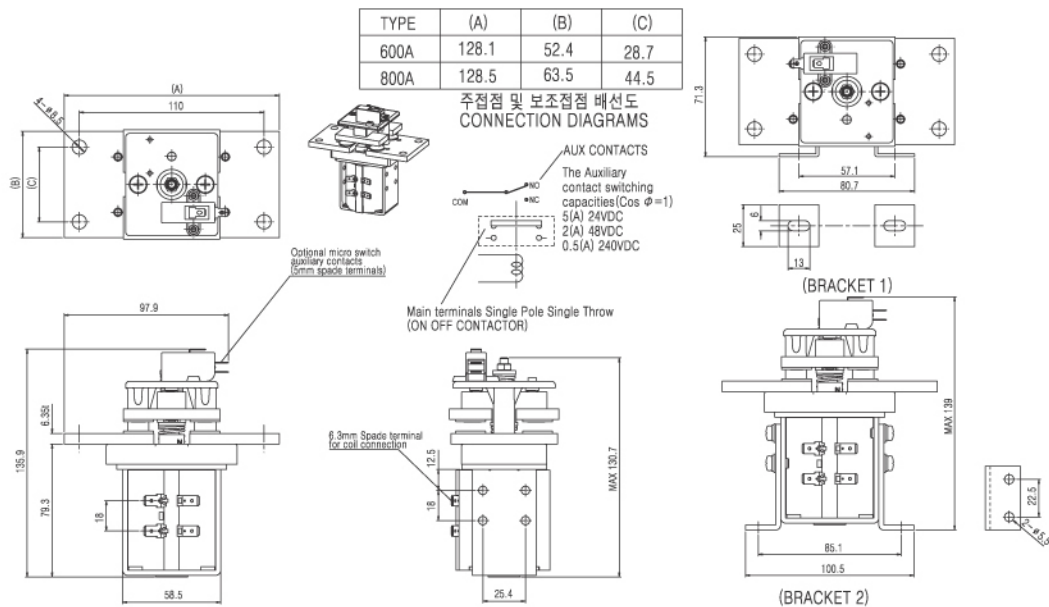
|                                         |                              |              |   |   |    |   |   |                     |
|-----------------------------------------|------------------------------|--------------|---|---|----|---|---|---------------------|
| CTS                                     | 600                          | M            | A | - | 48 | S | 1 | Bracket No.(1 or 2) |
| Type                                    | Arc Magnetic blowouts        | Aux contacts |   |   |    |   |   |                     |
| 600                                     | 600(A)                       |              |   |   |    |   |   |                     |
| 800                                     | 800(A)                       |              |   |   |    |   |   |                     |
| Coil Rated voltage(DC)                  |                              |              |   |   |    |   |   |                     |
| 6, 12, 24, 36, 48, 60, 72, 80, 100/110V |                              |              |   |   |    |   |   |                     |
| Coil surge suppressors                  |                              |              |   |   |    |   |   |                     |
| S                                       | Basic type                   |              |   |   |    |   |   |                     |
| Z                                       | teansient voltage suppressor |              |   |   |    |   |   |                     |
| D                                       | interior diodes              |              |   |   |    |   |   |                     |
| DR                                      | diodes & resisters           |              |   |   |    |   |   |                     |

# CTS800 Series

CTS600A, 800A



## 외형치수도 (Dimension in mm)



## 특성곡선 (Contact performance curve)

Max. continuous thermal current rating(amperes)

