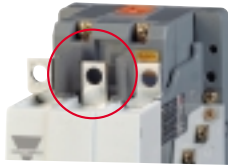


Accessories



Insulation barrier unit

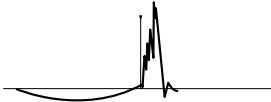
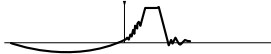

| Applying contactors | Type | Remarks |
|--|--------|------------------------------|
| CGC-100, 125, 150 type (100 to 150A frame) | AI-100 | 4 pcs required per contactor |
| CGC-180, 220, 300, 400 type (180 to 400A frame) | AI-180 | |
| CGC-600, 800 type (600, 800A frame) | AI-600 | |

Surge absorber unit



| Type of element | Applying contactors | Operation voltage | Element spec. | Type |
|--------------------|--|-------------------|---|-------|
| Varistor ① | All types CGC-9 to 800 (9 to 800A frame) | AC/DC 24~48V | Varistor 120V | AS-11 |
| | | AC/DC 100~125V | Varistor 270V | AS-12 |
| | | AC/DC 200~240V | Varistor 470V | AS-13 |
| | | AC380~440V | Varistor 1000V | AS-14 |
| CR + Varistor ② | CGC-9A to 85 (9 to 85A frame with AC coil) | AC24~48V | Varistor 120V 0.1 μ F, 100 Ω | AS-1 |
| | | AC100~125V | Varistor 270V 0.1 μ F, 100 Ω | AS-2 |
| | | AC200~240V | Varistor 470V 0.1 μ F, 100 Ω | AS-3 |
| | CGC-9D to 85 (9 to 85D frame with DC coil) | DC24~48V | Varistor 120V 0.47 μ F, 100 Ω | AS-4 |
| | | DC100~125V | Varistor 270V 0.47 μ F, 100 Ω | AS-5 |
| | | DC200~220V | Varistor 470V 0.47 μ F, 100 Ω | AS-6 |

Comparison

| Without surge unit | ① With Varistor unit | ② With CR+Varistor unit |
|---|--|---|
| Surge voltage, arise when the coil is off, may provoke mis-operation and damage in the circuit. | Varistor has an effect to cut down the peak voltage | Varistor has an effect to cut down the peak voltage and high frequency wave |
|  |  |  |