Accessories



Insulation barrier unit

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

Surge absorber unit

Type of element	Applying	Operation 	Element spec.	Туре
	contactors	voltage		
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	AS-1
			0.1 μF, 100 Ω	
		AC100~125V	Varistor 270V	AS-2
			0.1 μF, 100 Ω	
		AC200~240V	Varistor 470V	AS-3
			0.1 μF, 100 Ω	
	CGC-9D to 85 (9 to 85D frame with DC coil)	DC24~48V	Varistor 120V	AS-4
			$0.47 \mu F$, 100Ω	
		DC100~125V	Varistor 270V	AS-5
			$0.47 \mu F$, 100Ω	
		DC200~220V	Varistor 470V	AS-6
			$0.47 \mu F$, 100Ω	



Comparison

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