



Important Safety Notice

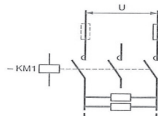
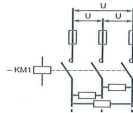
It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.

Terminals, including factory fitted, should be checked periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS



		CON803P7ME		CON1253P7ME	
Maximum switching current AC1		80A		125A	
Maximum switching current AC3		65A		80A	
Maximum standard power rating 415V AC3		37kW		45kW	
Maximum rated voltage		690V			
Standard		EN 60947-4-1			
Maximum operating rate cycles per hour		3,600			
Coil voltage		230V AC 50/60 Hz			
Coil voltage tolerance		-15%/+10%			
Coil consumption inrush		245VA			
Coil consumption sealed		26VA			
Mechanical life - number of operations in millions		6		4	
Maximum cable size for power contacts		25mm²		50mm²	
Power terminal capacities					
Flexible cable	1 Cable	2.5-25mm²		4-50mm²	
	2 Cables	2.5-16mm²		4-25mm²	
Flexible cable with ferrule	1 Cable	2.5-25mm²		4-50mm²	
	2 Cables	2.5-10mm²		4-16mm²	
Solid cable	1 Cable	2.5-25mm²		4-50mm²	
	2 Cables	2.5-16mm²		4-25mm²	
Recommended tightening torque		5Nm		9Nm	
Coil and auxiliary terminal capacities					
Flexible cable	1 Cable	1-4mm²			
	2 Cables				
Flexible cable with ferrule	1 Cable	1-4mm²			
	2 Cables				
Solid cable	1 Cable	1-4mm²			
	2 Cables				
Recommended tightening torque		1.2Nm			
Replacement Parts					
Contactor		TC1-D6511P7		TC1-D8011P7	
230V AC coil		TX1D6P7			
Contactor Heating Guides					
The combinations suggested below are given for an ambient temperature of 55°C and for powers at the rated voltage.					
Maximum Power (kW)				Single Phase 2 Pole Switching	
Product	230V	415V	690V		
CON803P7ME	14	24	41.5		
CON1253P7ME	20	35	61		
Maximum Power (kW)				3 Phase Switching	
Product	230V	415V	690V		
CON803P7ME	24	41	72		
CON1253P7ME	34	59	105		

