

This document must be retained for future reference.

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.

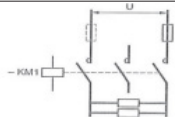
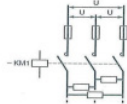
All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.
All connections should also be inspected periodically to ensure correct tightness.

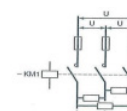
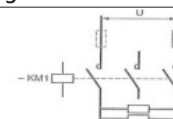
DO NOT USE POWER TOOLS ON THESE PRODUCTS



CON803P7ME, CON1253P7ME

IP65 230V COIL 3P+N ENCLOSED CONTACTOR

			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			25mm ²	50mm ²	
Power terminals capacities					
Flexible Cable	1 Cable		2.5-25mm ²	4-50mm ²	
	2 Cables		2.5-16mm ²	4-25mm ²	
Flexible Cable with Ferrule	1 Cable		2.5-25mm ²	4-50mm ²	
	2 Cables		2.5-10mm ²	4-16mm ²	
Solid Cable	1 Cable		2.5-25mm ²	4-50mm ²	
	2 Cables		2.5-16mm ²	4-25mm ²	
Recommended tightening torque			5Nm	9Nm	
Coil and auxilliary terminal capacities					
Flexible Cable	1 Cable		1-4mm ²		
	2 Cables				
Flexible Cable with Ferrule	1 Cable		1-4mm ²		
	2 Cables		1-2.5mm ²		
Solid Cable	1 cable		1-4mm ²		
	2 Cables				
Recommended tightening torque			1.2Nm		
Replacement Parts					
Contactor			TC1-D6511P7	TC1-D8011P7	
230V AC coil					
Contactor Heating Guides					
The combinations suggested below are given for an ambient temperature of 55°C and for the 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		



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