

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.

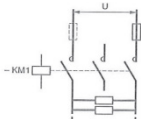
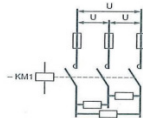
All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.
All connections should also be inspected periodically to ensure correct tightness.

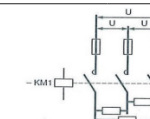
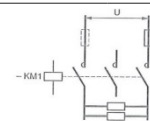
DO NOT USE POWER TOOLS ON THESE PRODUCTS



CON253P7MC, CON403P7MC, CON603P7MC

IP54 230V COIL 3P+N ENCLOSED CONTACTOR

				CON253P7MC	CON403P7MC	CON603P7MC
Maximum switching current AC1				25A	40A	60A
Maximum switching current AC3				12A	25A	40A
Maximum standard power rating 415V AC3				5.5kW	11kW	22kW
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				60VA	100VA	245VA
Coil consumption sealed				8VA	8.5VA	26VA
Mechanical Life- number of operations in millions				15	12	6
Maximum cable size for power contacts				4mm ²	10mm ²	16mm ²
Power terminals capacities						
Flexible Cable	1 Cable			1-4mm ²	1.5-10mm ²	2.5-16mm ²
	2 Cables				1.5-6mm ²	
Flexible Cable with Ferrule	1 Cable				1-6mm ²	
	2 Cables				1-4mm ²	
Solid Cable	1 Cable			1-4mm ²	1.5-6mm ²	2.5-16mm ²
	2 Cables					
Recommended tightening torque				1.2Nm	1.8Nm	5Nm
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-D1210P7	TC1-D2510P7	TC1-D4011P7
230V AC coil				TX1D2P7	TX1D4P7	TX1D6P7
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			
CON253P7MC	4	7	12			
CON403P7MC	6	11	19			
CON603P7MC	11	19	33			
Maximum Power (kW)					3 Phase Switching	
Product	230V	415V	415V			
CON253P7MC	6	11	20.5			
CON403P7MC	11	19	33			
CON603P7MC	19	32	57			



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