

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.

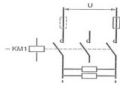
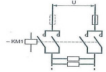
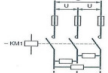
DO NOT USE POWER TOOLS ON THESE PRODUCTS



## CON804P7ME, CON1254P7ME

IP65 230V COIL 4P+N STEEL CONTACTOR

NOT FOR EXTERNAL APPLICATIONS

		CON804P7ME		CON1254P7ME	
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 <sup>2</sup>		50mm <sup>2</sup>	
Power terminals capacities					
Flexible Cable	1 Cable	2.5-25mm <sup>2</sup>		4-50mm <sup>2</sup>	
	2 Cables	2.5-16mm <sup>2</sup>		4-25mm <sup>2</sup>	
Flexible Cable with Ferrule	1 Cable	2.5-25mm <sup>2</sup>		4-50mm <sup>2</sup>	
	2 Cables	2.5-10mm <sup>2</sup>		4-16mm <sup>2</sup>	
Solid Cable	1 Cable	2.5-25mm <sup>2</sup>		4-50mm <sup>2</sup>	
	2 Cables	2.5-16mm <sup>2</sup>		4-25mm <sup>2</sup>	
Recommended tightening torque		5Nm		9Nm	
Coil and auxilliary terminal capacities					
Flexible Cable	1 Cable	1-4mm <sup>2</sup>			
	2 Cables				
Flexible Cable with Ferrule	1 Cable	1-4mm <sup>2</sup>			
	2 Cables	1-2.5mm <sup>2</sup>			
Solid Cable	1 cable	1-4mm <sup>2</sup>			
	2 Cables				
Recommended tightening torque		1.2Nm			
Replacement Parts					
Contactor		TC1-D65004P7		TC1-D80004P7	
230V AC coil		TX1D6P7			
1N/O + 1N/C Auxilliary block		TA1-DN11			
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		
CON804P7ME	14	24	41.5		
CON1254P7ME	20	35	61		
Maximum Power (kW)					Single Phase 4 Pole Switching
Product	230V	415V	690V		
CON804P7ME	22	38	66.5		
CON1254P7ME	32	55	98		
Maximum Power (kW)					3 Phase Switching
Product	230V	415V	690V		
CON804P7ME	24	41	72		
CON1254P7ME	34	59	105		

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