

AUC6 Modular Contactors

Torque and Wiring Data

Products Picture	Products Type	Main Circuit				Control Circuit			
		Screw Type	Torque	Corresponding Screw Driver	Wire Stripping Length	Screw Type	Torque	Corresponding Screw Driver	Wire Stripping Length
	AUC6-25/2,1M 25A	M4	1.2N.m	PZ	9.0mm	M3	0.5N.m	PZ	6.5mm
	AUC6-25/4,2M 25A	M4	1.2N.m	PZ	12mm	M3	0.5N.m	PZ	6.5mm
	AUC6-63/2,2M 63A	M5	2.0N.m	PZ2	13mm	M3	0.5N.m	PZ	6.5mm
	AUC6-63/4,3M 63A	M5	2.0N.m	PZ2	13mm	M3	0.5N.m	PZ2	6.5mm
	AUC6-125/2,3M 125A	M7	3.5N.m	PZ2	13mm	M3	0.5N.m	PZ	6.5mm
	AUC6-125/4,6M 125A	M7	3.5N.m	PZ2	13mm	M3	0.5N.m	PZ	6.5mm

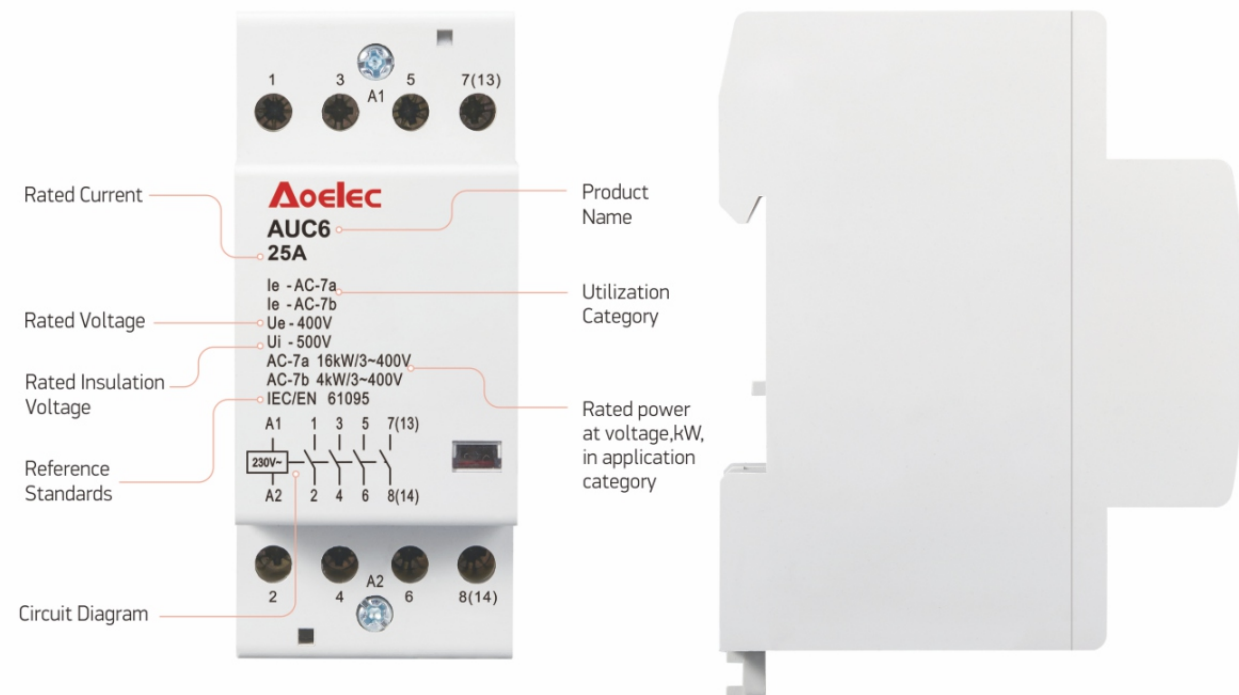
MODULAR CONTACTORS

FLEXIBLE CONFIGURATION, STABLE CONTROL



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FLEXIBLE CONFIGURATION,
STABLE CONTROL



MODULAR CONTACTORS

DESIGNED FOR
GENERAL-PURPOSE
APPLICATIONS

-  Available in various configurations to accommodate different voltage and current requirements.
-  To handle high currents in electrical distribution systems, allowing easy integration.
-  To provide a reliable and efficient means of controlling the flow of electricity.
-  Widely used in lighting control, general control systems.
-  Featured for its reliable operation, enhanced safety and easy integration.

AUC6 Modular Contactors



These contactors are frequently applied for switching of lamp loads, fans or pumps in both utility as well as industrial areas. Optimal contacts and control voltage with low heat dissipation to guarantee a long endurance of the contactor which is available in a wide range of characteristics.

Technical characteristics

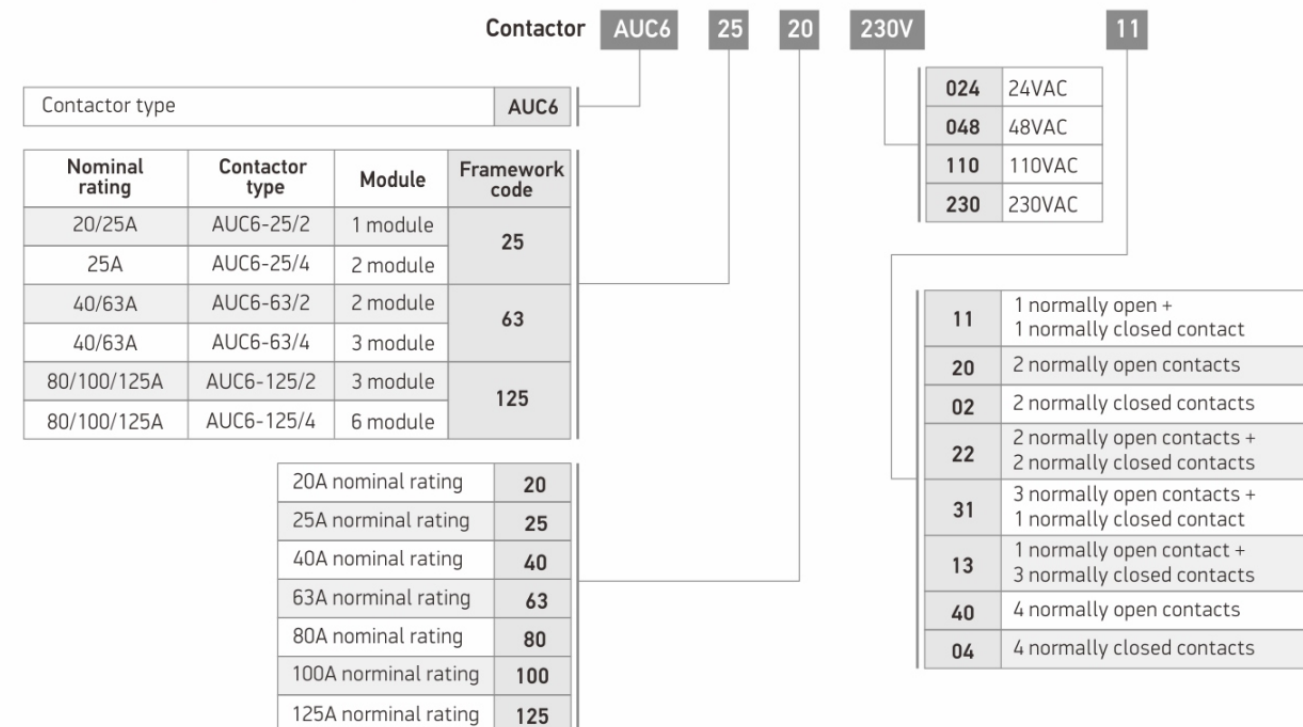
- Standard: IEC61095, IEC60947-4-1
- Suitable for applications in general control, heating & lighting applications.
- Available in 20,25,40,63,80,100A,125A ratings with up to 4 pole contacts
- Coil voltages:24Vac,48Vac,110Vac,230Vac
- DIN modular profile

**IEC/EN 61095
IEC/EN 60947-4-1**

Approval / Marking

CE **RoHS**

Product Code System & Explanations



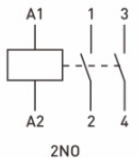
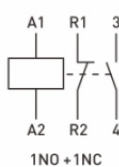
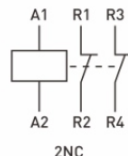
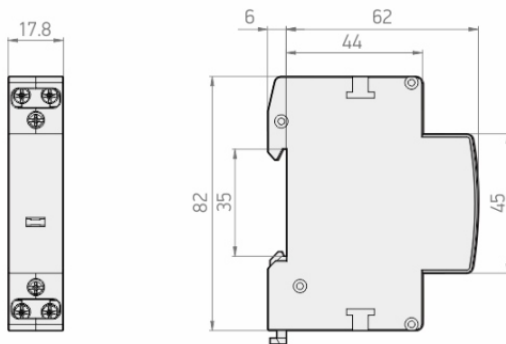
AUC6 Modular Contactors

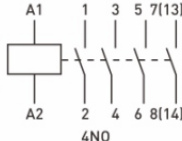
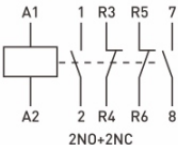
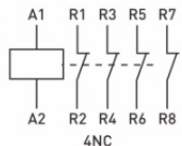
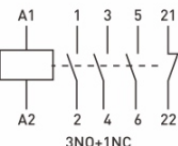
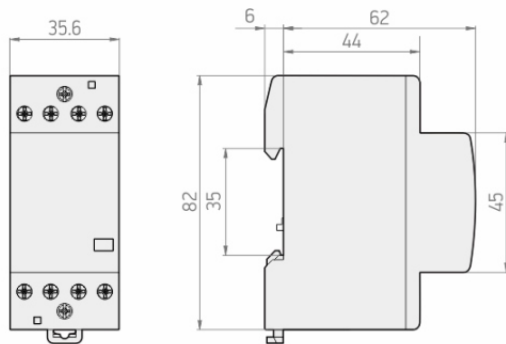
Function and Feature

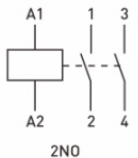
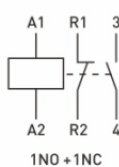
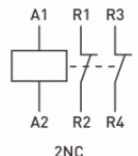
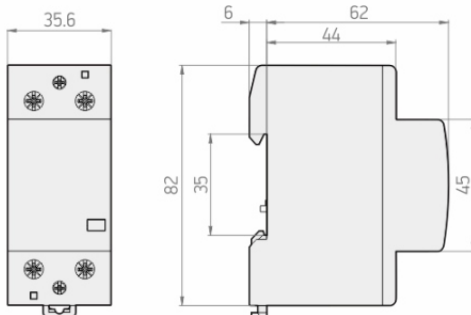
- **Switching Power:**
Connect or disconnect the power supply to a load
- **Circuit Control:**
Controlling the operation of electrical circuits, including lighting, heating, ventilation, and motors.
- **High-Power Applications:**
Used in applications requiring significant power, such as industrial equipment & large machinery.
- **Automated Control:**
Adopted for automate processes, such as in buildings managing lighting & heating systems.

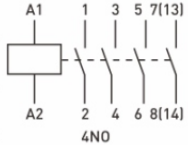
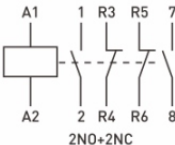
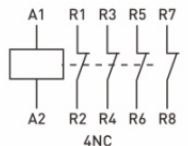
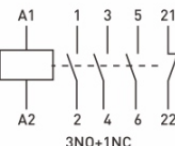
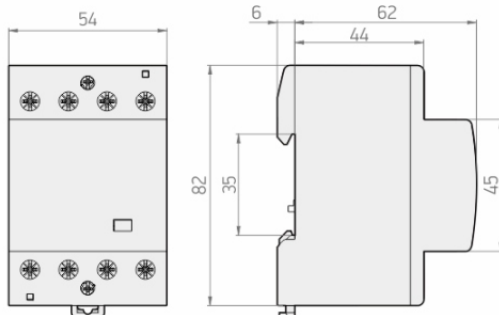
Technical Details

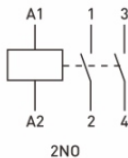
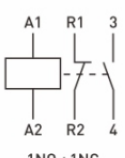
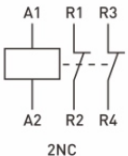
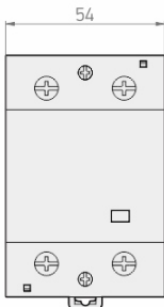
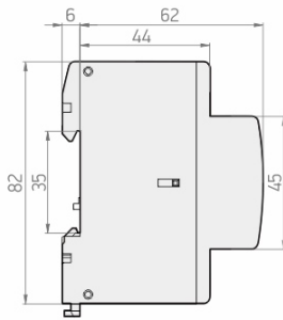
Parameters			AUC6-25/2	AUC6-25/4	AUC6-40/4	AUC6-63/4	AUC6-63/2	AUC6-80/2	AUC6-80/4	AUC6-100/2	AUC6-100/4	AUC6-125/2	AUC6-125/4	
Thermal resistance current It,Ah			20(25)	25	40	63	63	80	80	100	100	125	125	
Nominal insulation voltage, Ui,V			400	440	500	500	500	500	500	500	500	500	500	
Rated power at voltage,kW, in application category	AC-1/AC7a (low inductive loads)	Rated operating current,Ie,A	20(25)	25	40	63	63	80	80	100	100	125	125	
		230V	5kW	/	/	/	11.6kW	18kW	/	19kW	/	20kW	/	
		400V	/	16kW	27.5kW	40kW	/	/	50kW	/	60kW	/	70kW	
	AC-3/AC-7b (highly inductive loads)	Rated operating current,Ie,A	9	9	16	32	32	/	/	/	/	/	/	
		230V	1.5kW	/	/	/	3.3kW	5kW	/	6kW	/	6kW	/	
		400V	/	4kW	12.5kW	15kW	/	/	18kW	/	22kW	/	22kW	
Rated operating voltage,Ue,V			230/240	400/415	400/415	400/415	230/240	230/240	400/415	230/240	400/415	230/240	400/415	
Rated pulse voltage Uimp, Kw			4	4	4	4	4	4	4	4	4	4	4	
Rated conditional short-circuit current,kA			3	3	5	5	5	10	10	10	10	10	10	
Speed of operation at opening, ms			<20	<20	<45	<45	<45	<45	<45	<45	<45	<45	<45	
Control coil voltage, Uc, V			AC24V, AC48V, AC110V, AC230V											
Mechanical wear resistance, switching cycles			1000000						1000000					
Electrical wear resistance, switching cycles			100000						30000					
Degree of protection IP			IP 20											

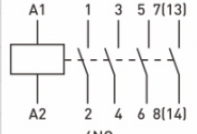
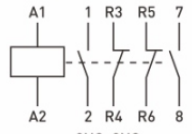
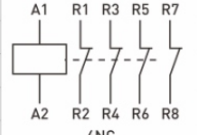
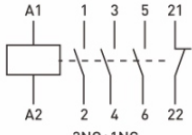
Product Name		AUC6-25/2					
Number of Module		1M					
							
Model	Rating	Control Voltage	Wiring Diagram	Model	Rating	Control Voltage	Wiring Diagram
2NO				1NO+1NC			
AUC6-25/2-20-230V/20	20A	230VAC		AUC6-25/2-20-230V/11	20A	230VAC	
AUC6-25/2-20-110V/20	20A	110VAC		AUC6-25/2-20-110V/11	20A	110VAC	
AUC6-25/2-20-48V/20	20A	48VAC		AUC6-25/2-20-48V/11	20A	48VAC	
AUC6-25/2-20-24V/20	20A	24VAC		AUC6-25/2-20-24V/11	20A	24VAC	
AUC6-25/2-25-230V/20	25A	230VAC		AUC6-25/2-25-230V/11	25A	230VAC	
AUC6-25/2-25-110V/20	25A	110VAC		AUC6-25/2-25-110V/11	25A	110VAC	
AUC6-25/2-25-48V/20	25A	48VAC		AUC6-25/2-25-48V/11	25A	48VAC	
AUC6-25/2-25-24V/20	25A	24VAC	AUC6-25/2-25-24V/11	25A	24VAC		
2NC							
AUC6-25/2-20-230V/02	20A	230VAC					
AUC6-25/2-20-110V/02	20A	110VAC					
AUC6-25/2-20-48V/02	20A	48VAC					
AUC6-25/2-20-24V/02	20A	24VAC					
AUC6-25/2-25-230V/02	25A	230VAC					
AUC6-25/2-25-110V/02	25A	110VAC					
AUC6-25/2-25-48V/02	25A	48VAC					
AUC6-25/2-25-24V/02	25A	24VAC					
Dimensions(mm)							
							

Product Name		AUC6-25/4					
Number of Module		2M 					
Model	Rating	Control Voltage	Wiring Diagram	Model	Rating	Control Voltage	Wiring Diagram
4NO				2NO+2NC			
AUC6-25/4-230V/40	25A	230VAC		AUC6-25/4-230V/22	25A	230VAC	
AUC6-25/4-110V/40	25A	110VAC		AUC6-25/4-110V/22	25A	110VAC	
AUC6-25/4-48V/40	25A	48VAC		AUC6-25/4-48V/22	25A	48VAC	
AUC6-25/4-24V/40	25A	24VAC		AUC6-25/4-24V/22	25A	24VAC	
4NC				3NO+1NC			
AUC6-25/4-230V/04	25A	230VAC		AUC6-25/4-230V/31	25A	230VAC	
AUC6-25/4-110V/04	25A	110VAC		AUC6-25/4-110V/31	25A	110VAC	
AUC6-25/4-48V/04	25A	48VAC		AUC6-25/4-48V/31	25A	48VAC	
AUC6-25/4-24V/04	25A	24VAC		AUC6-25/4-24V/31	25A	24VAC	
Dimensions(mm)							
							

Product Name		AUC6-63/2					
Number of Module		2M 					
Model	Rating	Control Voltage	Wiring Diagram	Model	Rating	Control Voltage	Wiring Diagram
2NO				1NO+1NC			
AUC6-63/2-40-230V/20	40A	230VAC		AUC6-63/2-40-230V/11	40A	230VAC	
AUC6-63/2-40-110V/20	40A	110VAC		AUC6-63/2-40-110V/11	40A	110VAC	
AUC6-63/2-40-48V/20	40A	48VAC		AUC6-63/2-40-48V/11	40A	48VAC	
AUC6-63/2-40-24V/20	40A	24VAC		AUC6-63/2-40-24V/11	40A	24VAC	
AUC6-63/2-63-230V/20	63A	230VAC		AUC6-63/2-63-230V/11	63A	230VAC	
AUC6-63/2-63-110V/20	63A	110VAC		AUC6-63/2-63-110V/11	63A	110VAC	
AUC6-63/2-63-48V/20	63A	48VAC		AUC6-63/2-63-48V/11	63A	48VAC	
AUC6-63/2-63-24V/20	63A	24VAC		AUC6-63/2-63-24V/11	63A	24VAC	
2NC							
AUC6-63/2-40-230V/02	40A	230VAC					
AUC6-63/2-40-110V/02	40A	110VAC					
AUC6-63/2-40-48V/02	40A	48VAC					
AUC6-63/2-40-24V/02	40A	24VAC					
AUC6-63/2-63-230V/02	63A	230VAC					
AUC6-63/2-63-110V/02	63A	110VAC					
AUC6-63/2-63-48V/02	63A	48VAC					
AUC6-63/2-63-24V/02	63A	24VAC					
Dimensions(mm)							
							

Product Name		AUC6-63/4					
Number of Module		3M 					
Model	Rating	Control Voltage	Wiring Diagram	Model	Rating	Control Voltage	Wiring Diagram
4NO				2NO+2NC			
AUC6-63/4-40-230V/40	40A	230VAC		AUC6-63/4-40-230V/22	40A	230VAC	
AUC6-63/4-40-110V/40	40A	110VAC		AUC6-63/4-40-110V/22	40A	110VAC	
AUC6-63/4-40-48V/40	40A	48VAC		AUC6-63/4-40-48V/22	40A	48VAC	
AUC6-63/4-40-24V/40	40A	24VAC		AUC6-63/4-40-24V/22	40A	24VAC	
AUC6-63/4-63-230V/40	63A	230VAC		AUC6-63/4-63-230V/22	63A	230VAC	
AUC6-63/4-63-110V/40	63A	110VAC		AUC6-63/4-63-110V/22	63A	110VAC	
AUC6-63/4-63-48V/40	63A	230VAC		AUC6-63/4-63-48V/22	63A	48VAC	
AUC6-63/4-63-24V/40	63A	24VAC	AUC6-63/4-63-24V/22	63A	24VAC		
4NC				3NO+1NC			
AUC6-63/4-40-230V/04	40A	230VAC		AUC6-63/4-40-230V/31	40A	230VAC	
AUC6-63/4-40-110V/04	40A	110VAC		AUC6-63/4-40-110V/31	40A	110VAC	
AUC6-63/4-40-48V/04	40A	48VAC		AUC6-63/4-40-48V/31	40A	48VAC	
AUC6-63/4-40-24V/04	40A	24VAC		AUC6-63/4-40-24V/31	40A	24VAC	
AUC6-63/4-63-230V/04	63A	230VAC		AUC6-63/4-63-230V/31	63A	230VAC	
AUC6-63/4-63-110V/04	63A	110VAC		AUC6-63/4-63-110V/31	63A	110VAC	
AUC6-63/4-63-48V/04	63A	48VAC		AUC6-63/4-63-48V/31	63A	48VAC	
AUC6-63/4-63-24V/04	63A	24VAC	AUC6-63/4-63-24V/31	63A	24VAC		
Dimensions(mm)							
							

Product Name	AUC6-125/2						
Number of Module	3M						
							
Model	Rating	Control Voltage	Wiring Diagram	Model	Rating	Control Voltage	Wiring Diagram
2NO				1NO+1NC			
AUC6-125/2-80-230V/20	80A	230VAC		AUC6-125/2-80-230V/11	80A	230VAC	
AUC6-125/2-80-110V/20	80A	110VAC		AUC6-125/2-80-110V/11	80A	110VAC	
AUC6-125/2-80-48V/20	80A	48VAC		AUC6-125/2-80-48V/11	80A	48VAC	
AUC6-125/2-80-24V/20	80A	24VAC		AUC6-125/2-80-24V/11	80A	24VAC	
AUC6-125/2-100-230V/20	100A	230VAC		AUC6-125/2-100-230V/11	100A	230VAC	
AUC6-125/2-100-110V/20	100A	110VAC		AUC6-125/2-100-110V/11	100A	110VAC	
AUC6-125/2-100-48V/20	100A	230VAC		AUC6-125/2-100-48V/11	100A	230VAC	
AUC6-125/2-100-24V/20	100A	24VAC		AUC6-125/2-100-24V/11	100A	24VAC	
AUC6-125/2-125-230V/20	125A	230VAC		AUC6-125/2-125-230V/11	125A	230VAC	
AUC6-125/2-125-110V/20	125A	110VAC		AUC6-125/2-125-110V/11	125A	110VAC	
AUC6-125/2-125-48V/20	125A	230VAC	AUC6-125/2-125-48V/11	125A	230VAC		
AUC6-125/2-125-24V/20	125A	24VAC	AUC6-125/2-125-24V/11	125A	24VAC		
2NC							
AUC6-125/2-80-230V/02	80A	230VAC					
AUC6-125/2-80-110V/02	80A	110VAC					
AUC6-125/2-80-48V/02	80A	48VAC					
AUC6-125/2-80-24V/02	80A	24VAC					
AUC6-125/2-100-230V/02	100A	230VAC					
AUC6-125/2-100-110V/02	100A	110VAC					
AUC6-125/2-100-48V/02	100A	230VAC					
AUC6-125/2-100-24V/02	100A	24VAC					
AUC6-125/2-125-230V/02	125A	230VAC					
AUC6-125/2-125-110V/02	125A	110VAC					
AUC6-125/2-125-48V/02	125A	230VAC					
AUC6-125/2-125-24V/02	125A	24VAC					
Dimensions(mm)							
 							

Product Name	AUC6-125/4						
Number of Module	6M						
							
Model	Rating	Control Voltage	Wiring Diagram	Model	Rating	Control Voltage	Wiring Diagram
4NO				2NO+2NC			
AUC6-125/4-80-230V/40	80A	230VAC		AUC6-125/4-80-230V/22	80A	230VAC	
AUC6-125/4-80-110V/40	80A	110VAC		AUC6-125/4-80-110V/22	80A	110VAC	
AUC6-125/4-80-48V/40	80A	48VAC		AUC6-125/4-80-48V/22	80A	48VAC	
AUC6-125/4-80-24V/40	80A	24VAC		AUC6-125/4-80-24V/22	80A	24VAC	
AUC6-125/4-100-230V/40	100A	230VAC		AUC6-125/4-100-230V/22	100A	230VAC	
AUC6-125/4-100-110V/40	100A	110VAC		AUC6-125/4-100-110V/22	100A	110VAC	
AUC6-125/4-100-48V/40	100A	230VAC		AUC6-125/4-100-48V/22	100A	230VAC	
AUC6-125/4-100-24V/40	100A	24VAC		AUC6-125/4-100-24V/22	100A	24VAC	
AUC6-125/4-125-230V/40	125A	230VAC		AUC6-125/4-125-230V/22	125A	230VAC	
AUC6-125/4-125-110V/40	125A	110VAC		AUC6-125/4-125-110V/22	125A	110VAC	
AUC6-125/4-125-48V/40	125A	230VAC	AUC6-125/4-125-48V/22	125A	230VAC		
AUC6-125/4-125-24V/40	125A	24VAC	AUC6-125/4-125-24V/22	125A	24VAC		
4NC				3NO+1NC			
AUC6-125/4-80-230V/04	80A	230VAC		AUC6-125/4-80-230V/31	80A	230VAC	
AUC6-125/4-80-110V/04	80A	110VAC		AUC6-125/4-80-110V/31	80A	110VAC	
AUC6-125/4-80-48V/04	80A	48VAC		AUC6-125/4-80-48V/31	80A	48VAC	
AUC6-125/4-80-24V/04	80A	24VAC		AUC6-125/4-80-24V/31	80A	24VAC	
AUC6-125/4-100-230V/04	100A	230VAC		AUC6-125/4-100-230V/31	100A	230VAC	
AUC6-125/4-100-110V/04	100A	110VAC		AUC6-125/4-100-110V/31	100A	110VAC	
AUC6-125/4-100-48V/04	100A	230VAC		AUC6-125/4-100-48V/31	100A	230VAC	
AUC6-125/4-100-24V/04	100A	24VAC		AUC6-125/4-100-24V/31	100A	24VAC	
AUC6-125/4-125-230V/04	125A	230VAC		AUC6-125/4-125-230V/31	125A	230VAC	
AUC6-125/4-125-110V/04	125A	110VAC		AUC6-125/4-125-110V/31	125A	110VAC	
AUC6-125/4-125-48V/04	125A	230VAC	AUC6-125/4-125-48V/31	125A	230VAC		
AUC6-125/4-125-24V/04	125A	24VAC	AUC6-125/4-125-24V/31	125A	24VAC		
Dimensions(mm)							
