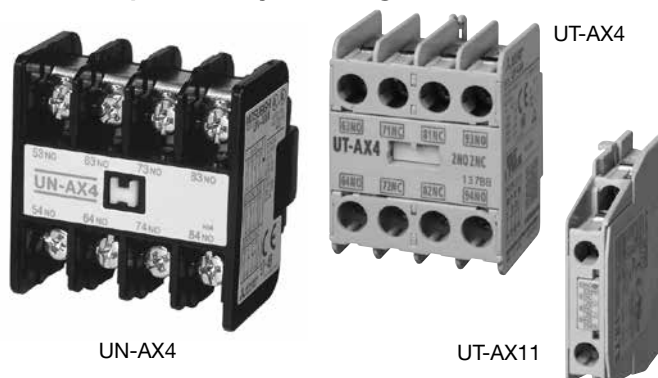


8.3 UT/UN-AX□ Auxiliary Contact Units

Auxiliary contacts can be easily expanded from compact relays to large contactors.

All contacts adopt twin contacts, providing high contact reliability.

- Auxiliary contacts can be added to almost all series of contactor relays and magnetic contactors.
- Highly effective for on-site modifications etc., as mounting does not require special tools.
- As both side clip-on and front clip-on types are thin and require less mounting area, they greatly contribute to the miniaturization of panel area.
- The use of twin contacts achieves high contact reliability and allows application for low-level signals.



Type

Unit Model Name	Contact Arrangement Per Unit	Unit Mounting Method	Model Names of Applicable Magnetic Contactors and Contactor Relays			Total Number of Units That Can Be Added to Non-Reversible Type		
			AC Operated	DC Operated	Mechanically Latched Type			
UT-AX2 UT-AX2BC	2a	Front Clip-on	S-T10 to T50 SR-T5	SD-T12 to T50, SRD-T5	—	1		
	1a1b							
	2b							
UT-AX4 UT-AX4BC	4a	Front Clip-on			S-T65, T80 S-N38, N48 DU-N30	SD-T65, T80 DUD-N30	—	1
	3a1b							
	2a2b							
UT-AX11 UT-AX11BC	1a1b	Side Clip-on	(Note 6)	(Note 6)			SL(D)-T21, T35, T50 SRL(D)-T5	2(Note 2)
	2a	Front Clip-on					SL(D)-T65, T80 (Note 6)	1
1a1b								
2b								
UN-AX2 UN-AX2CX	4a	Front Clip-on			(Note 6)	(Note 6)	—	1
	3a1b							
	2a2b							
UN-AX4 UN-AX4CX	1a1b	Side Clip-on	S-T65, T80 DU-N30 (Note 6)	SD-T65, T80 DUD-N30 (Note 6)			SL(D)-T65, T80 (Note 6)	2 (Note 2)
	1a1b	Side Clip-on	S-T100, S-N125, DU-N60	SD-T100, SD-N125, DUD-N60			SL(D)-T100 SL(D)-N125	2 (Note 4)
UN-AX11 UN-AX11CX	1a1b	Side Clip-on	S-N150, S-N180, N220, S-N300, N400, DU-N120, N180, N260	SD-N150 SD-N220 SD-N300, N400, DUD-N120, N180, N260			SL(D)-N150 SL(D)-N220 SL(D)-N300, N400	2 (Note 4)
	2a2b	Side Clip-on	S-N600, N800	SD-N600, N800	SL(D)-N600, N800	1 (Note 5)		

Note 1. Front clip-on and side clip-on cannot be mounted on the same body.

Note 2. For the reversible type, 1 unit each can be mounted on the left and right exterior, for a total of 2 units.

Note 3. UT-AX□BC is the model name with wiring streamlining terminals, while UN-AX□CX is with CAN terminals.

Note 4. 1 unit each can be mounted on the left and right sides for a total of 2 units. (For the reversible type, additional mounting is not possible for UN-AX150, while 1 unit each can be additionally mounted on the left and right exterior for a total of 2 units for UN-AX80.)

Note 5. Mount on the right side. (4a4b x 2 are mounted on the reversible type and additional mounting is not allowed.)

Note 6. When applied to T65 or T80, the auxiliary terminal screw size for the T65 and T80 body will be M4, and the terminal screw size of the auxiliary contact unit will be M3.5. As the screw sizes are different, they cannot be used interchangeably.

Rating

Unit Model Name	UT-AX2(BC), UT-AX4(BC)	UT-AX11(BC)	UN-AX2(CX), UN-AX4(CX), UN-AX11(CX)	UN-AX80, UN-AX150, UN-AX600	
Rated Insulation Voltage [V]	690				
Applicable Standard	JIS C8201-5-1, IEC60947-5-1, EN60947-5-1, GB14048.5				
Rated Impulse Withstand Voltage [kV]	6				
Rated Frequency [Hz]	50/60				
Pollution Degree	3				
Conventional Free Air Thermal Current Ith [A]	10				
Contact Rating (Note 1)	AC Rated Operational Current [A]	Category AC-15 (Coil Load) (Note 2)	AC120V AC240V AC440V AC550V	6 3 1.5 1.2	6 3 1.5 1.2
		Category AC-12 (Resistive Load) (Note 2)	AC120V AC240V	10 8	10 8
		Category DC-13 (Coil Load) (Note 2)	DC24V DC48V DC110V DC220V	3 1.5 0.6(2) 0.3(0.8)	3 1.5 0.6(2) 0.3(0.8)
		Category DC-12 (Resistive Load) (Note 2)	DC110V DC220V	5(8) 1(3)	5(8) 1(3)
	Minimum Applicable Load Level	5V 3mA		20V 3mA	

Note 1. The value in parentheses for the DC rated operational current indicates the rated operating current when switching a 2-pole load in series.

Note 2. AC-15, AC-12, DC-13 and DC-12 are the classifications of JISC8201-5-1.

Note 3. Electrical durability of 500,000 operations.

Note 4. The mechanical durability and switching frequency depend on the magnetic contactor and contactor relay to be applied.