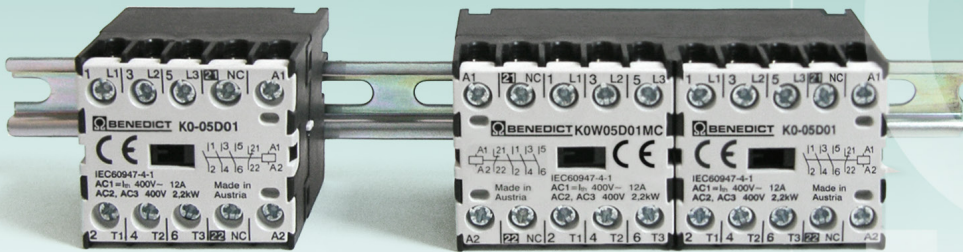


# Micro-Contactor K0

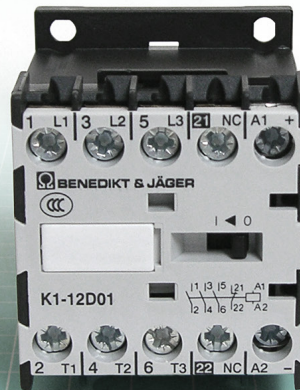


- Relay-size **contactor**, smallest in the world.
- >3 mm contact clearance acc. to IEC 60335-1 for **Safety Applications**.
- Reversing contactor **with mechanical interlock**.

**New!**



*Micro-Contactor K0*



*Mini-Contactor K1*



*Contactor K3*

## Technical Data acc. to IEC 60947-4-1

Main contacts	Type	K0-05D..	K0W05D..
AC1 $I_n (=I_{th})$ open at 40°C		12	5
AC2, AC3	400V	A	5
	400V	A	2,2
Fuse	"Typ1" gL (gG)	A max.	-
Cable cross-section			
solid	mm <sup>2</sup>	0,5 - 1,5	
flexible	mm <sup>2</sup>	0,5 - 1,5	
solid	AWG	20 - 14	
flexible	AWG	20 - 14	
Clamps per pole		2	
Terminals			
Terminal screws		M2,5	
Screw driver	Pozidriv		
Tightening torque	Nm	0,6 - 0,8	
Coil AC-operated			
Operation Range		0,85 - 1,1	
inrush	VA	9	
hold	VA	4	

## Technical Data for North America acc. to UL 508, c

Main Contacts (cULus)	Type	K0-05D..	K0W05D..
Rated operational current "General Use"	A	12	
Rated operational power of three-phase motors at 60Hz (3ph)			
	110-120V	hp	1/2
	200-208V	hp	1
	220-240V	hp	1
	277V	hp	1 1/2
Rated operational power of AC motors at 60Hz (1ph)			
	110-120V	hp	1/6
	200-208V	hp	1/2
	220-240V	hp	3/4
Fuse/Short-circuit current	A/kA	30/5	
Rated voltage	V~	300	
Auxiliary Contacts (cULus)			
heavy pilot duty	AC	B300	
standard pilot duty	DC	R300	

Technical data are subject to change without notice

Benedict GmbH Tel.: +43 1 251 51-0  
Lieblgasse 7, A-1220 Vienna Fax: +43 1 251 51-89

e-mail: sales@benedict.at  
www.benedict.at

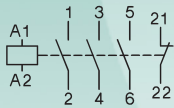


# Micro-Contactor K0

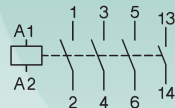
## Wiring diagrams

### Contactors

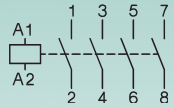
K0-05D01



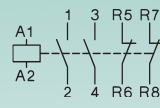
K0-05D10



K0-05D00-40

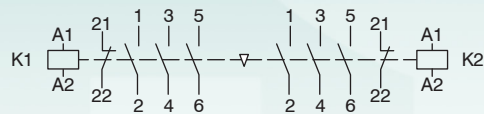


K0-05D00-22

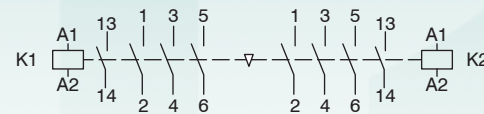


### Reversing Contactors

K0W05D01MC



K0W05D10MC



## Dimensions for Contactors and Reversing Contactors

K0-05D..

K0W05D..

