

■ **Mini-Wendeschutz K1W**
konsequent weiterentwickelt !

- 5,5kW Schaltleistung auf kleinstem Raum
- Mechanische Verriegelung integriert
- Weltmarktauglich durch CE und UL-Approbation
- Klimafest, Einsatzbereich: -40°C..+90°C
- Schraub- oder Lötanschlüsse
- Zusätzliche Hilfskontaktblöcke aufschraubbar



Mini-Wendeschütze, mechanisch verriegelt

Wechselstrombetätigung

Motornennleistung AC2, AC3	Nenn betriebsstrom	Hilfskontakte ²⁾ ein-gebaut	zusätzlich anbaubar auf	Typ	Spulenspannung ¹⁾	VPE	Gewicht
380V		AC1	linkes		24V 50/60Hz		
400V 660V			rechtes		220-230V 50Hz		
415V 690V		690V	Schütz		24V 50/60Hz mit Schutz ³⁾		
kW	kW	A	K1		220-230V 50Hz mit Schutz ³⁾		
			S				
			Ö				
			Typ				
			Typ				

Schraubanschlüsse



3polig		4polig	
4	4	4	4
5,5	5,5	5,5	5,5
20	20	20	20
-	-	-	-
1	1	1	1
HKM11V	HKM11V	HKM..	HKM..
HKM11X	HKM11X	K1W09D10MC ...	K1W09D00-40MC ..
K1W09D01MC ...	K1W12D01MC ...	K1W12D10MC ...	K1W12D00-40MC ..
1			1
0,32			0,32

Lötanschlüsse Ø1,15



3polig	
4	4
4	4
16	16
-	1
-	-
-	-
-	-
K1W09L01MC ...	K1W09L10MC ...
1	
0,32	

Hilfskontaktblöcke für Mini-Wendeschütze K1-..



Nennbetriebsstrom	Dauerstrom	Kontakte ²⁾	Typ	Schaltbilder	VPE	Gewicht
AC15	400V					
230V	A	S				
A	A	Ö				
3	2	10	HKM11V		10	0,04
3	2	10	HKM11X		10	0,04

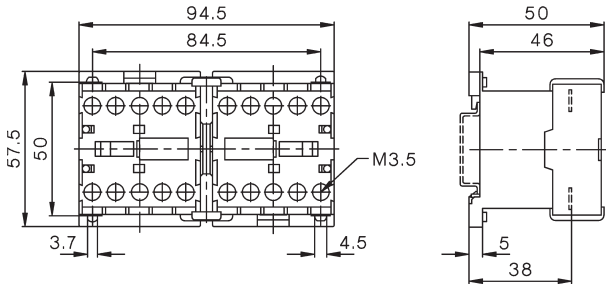
1) Spulenspannungsbereiche und Sonderspannungen auf Anfrage
 2) Kontakte elektronikauglich entsprechend EN60947-5-4 für Nennspannung 24V= (Prüfwerte 17V= 5mA) Kontakte zwangsgeführt
 3) mit integrierter Schutzbeschaltung (Varistor)

Technische Änderungen vorbehalten

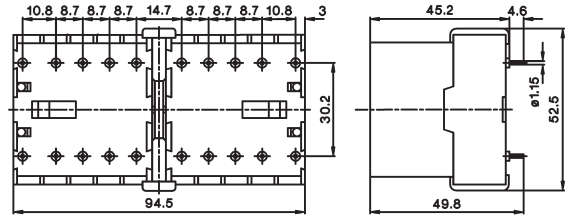
Mini Wendeschütz K1W

Abmessungen bisher

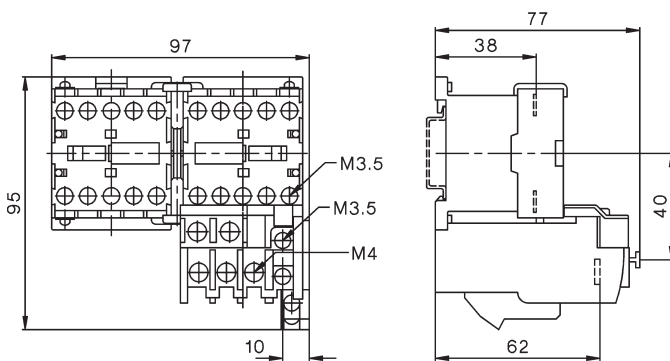
K1W09D..
K1W12D..



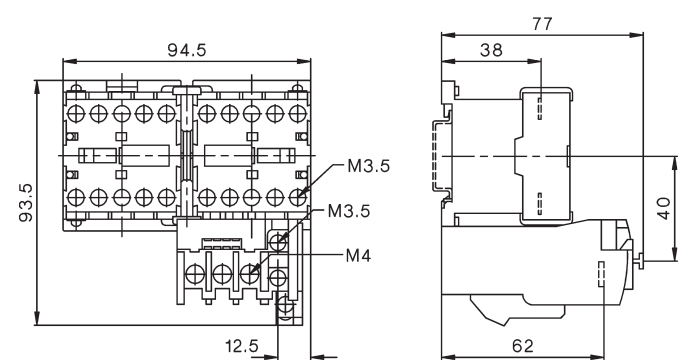
K1W09L..



K1W09D.. + U12/16E K1
K1W12D.. + U12/16E K1



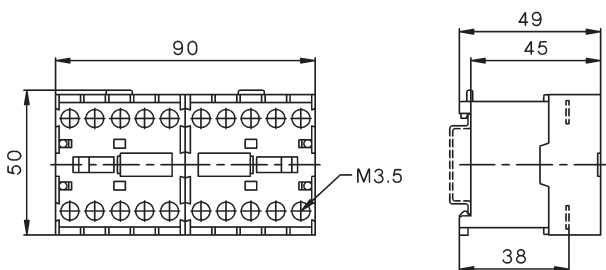
K1W09D.. + U12/16E
K1W12D.. + U12/16E



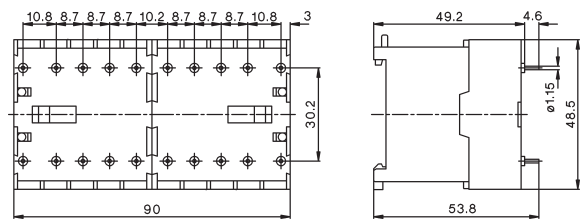
NEU

Abmessungen neu

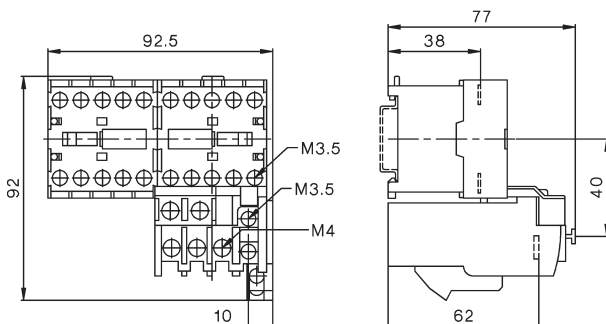
K1W09D..MC
K1W12D..MC

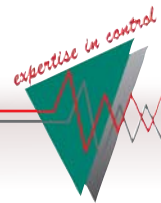


K1W09L..MC



K1W09D..MC + U12/16E K1
K1W12D..MC + U12/16E K1





■ Mini-Reversing Contactors K1W continuous progress !

- 5,5kW Power rating, space saving design
- Mechanical Interlocked
- Approvals acc. to CE and UL
- Climate resistant, ambient temperature: -40°C..+90°C
- Screw Terminals and Solder Pins
- Auxiliary Contact Blocks available



Mini Reversing Contactors, Mechanical Interlocked

AC Operated

Power-Ratings AC2, AC3	Rated Current	Aux. Contacts ²⁾ Built-in	Additional		Type	Coil voltage ¹⁾	Pack weight pcs. kg/pc.
			on left hand side Contactor K1 Typ	on right hand side Contactor K2 Typ			
380V	AC1					24	24V 50/60Hz
400V 660V	AC1	1	1			230	220-230V 50Hz
415V 690V	690V	1	1			24VS	24V 50/60Hz w.protection ³⁾
kW kW	A	NO NC	Typ	Typ		230VS	220-230V 50Hz w.prot. ³⁾

Screw Terminals



3polig

4	4	20	-	1	HKM11V	HKM11X	K1W09D01MC ...	1	0,32
5,5	5,5	20	-	1	HKM11V	HKM11X	K1W12D01MC ...		
4	4	20	1	-		HKM..	K1W09D10MC ...		
5,5	5,5	20	1	-			K1W12D10MC ...		

4polig

4	4	20	-	-		HKM..	K1W09D00-40MC ..	1	0,32
5,5	5,5	20	-	-			K1W12D00-40MC ..		

Solder Pins Ø1,15



3polig

4	4	16	-	1			K1W09L01MC ...	1	0,32
4	4	16	1	-			K1W09L10MC ...		

Auxiliary Contact Blocks for Mini Reversing Contactors K1-..



Ratings AC15 230V A	400V A	Thermal Rated Current A	Contacts ²⁾ NO NC	Type	Diagrams	Pack pcs.	Weight kg/pc.
3	2	10	1 1	HKM11V		10	0,04
3	2	10	1 1	HKM11X		10	0,04

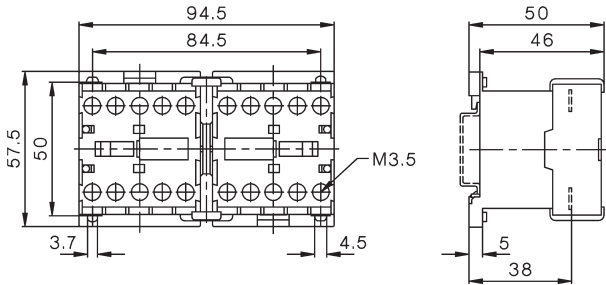
1) Other coil voltages on request
 2) Contacts suitable for electronic circuits, according to EN947-5-4 for rated voltage 24V DC (test ratings 17V DC, 5mA) Positively guided contacts
 3) with built-in coil suppressor (varistor)

Technical data are subject to change without notice

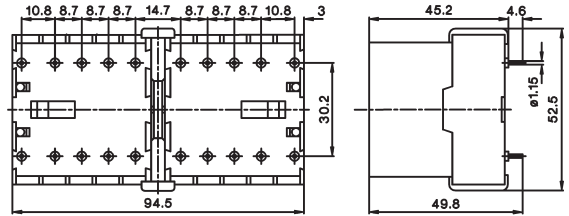
Mini Contactors K1W

Dimensions former type

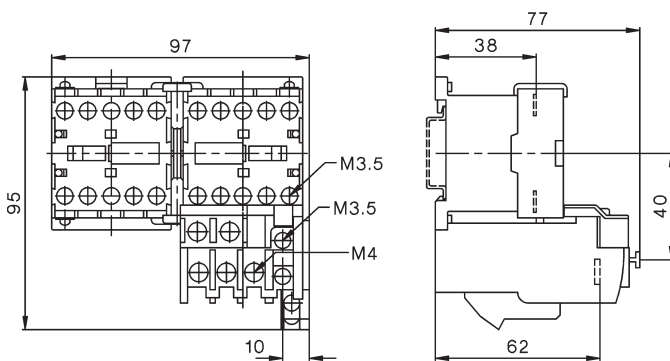
K1W09D..
K1W12D..



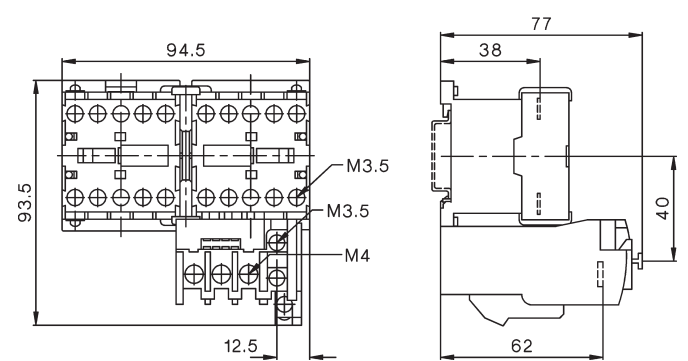
K1W09L..



K1W09D.. + U12/16E K1
K1W12D.. + U12/16E K1



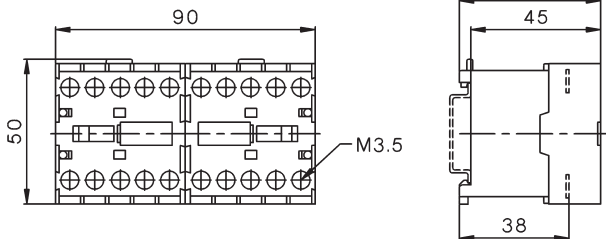
K1W09D.. + U12/16E
K1W12D.. + U12/16E



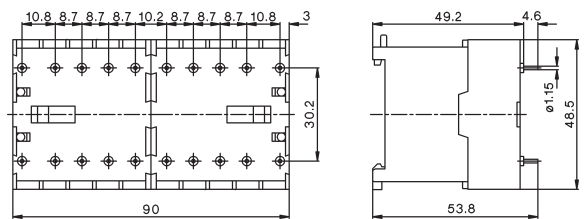
NEW

Dimensions new type

K1W09D..MC
K1W12D..MC



K1W09L..MC



K1W09D..MC + U12/16E K1
K1W12D..MC + U12/16E K1

