







Technical specifications

All technical specifications not mentioned in the table below are identical to those of the 3RH11 contactor relays. (See page 3/130)
The size S00 coupling relays (3RH11) cannot be extended with auxiliary switch blocks.

Contactor type	3RH11 ...-HB40		3RH11 ...-JB40		3RH11 ...-KB40	
Size	S00		S00		S00	
Coil operating range	0.7 ... 1.25 x U_s					
Power consumption of the magnetic coil (for cold coil) Closing = closed						
At $U_s = 17\text{ V}$	W	1.2				
At $U_s = 24\text{ V}$	W	2.3				
At $U_s = 30\text{ V}$	W	3.6				
Permissible residual current of the electronics for 0 signal	< 10 mA x (24 V/ U_s)					
Overvoltage configuration of the magnetic coil	No surge suppression 		With diode 		With varistor 	
Operating times						
• Closing at 17 V						
- ON-delay NO	ms	40 ... 120				
- OFF-delay NC	ms	30 ... 70				
• At 24 V						
- ON-delay NO	ms	30 ... 60				
- OFF-delay NC	ms	20 ... 40				
• At 30 V						
- ON-delay NO	ms	20 ... 50				
- OFF-delay NC	ms	15 ... 30				
• Opening at 17... 30 V						
- OFF-delay NO contact	ms	7 ... 17	40 ... 60		7 ... 17	
- Closing time NC	ms	22 ... 30	60 ... 70		22 ... 30	
Upright mounting position	Request required					

Contactor type	3RH11 ...-MB40-0KT0		3RH11 ...-VB40		3RH11 ...-WB40	
Size	S00		S00		S00	
Coil operating range	0.85 ... 1.85 x U_s					
Power consumption of the magnetic coil (for cold coil) Closing = Closed at $U_s = 24\text{ V}$	W	1.4				
Permissible residual current of the electronics for 0 signal	< 8 mA x (24 V/ U_s)					
Overvoltage configuration of the magnetic coil	Diode, varistor or RC element, attachable 		Built-in diode 		Built-in varistor 	
Switching times of the coupling relays						
• Closing at 20.5 V						
- ON-delay	ms	30 ... 120				
- OFF delay	ms	20 ... 110				
• At 24 V						
- ON-delay NO	ms	25 ... 90				
- OFF-delay NC	ms	15 ... 80				
• At 44 V						
- ON-delay	ms	15 ... 60				
- OFF delay	ms	10 ... 50				
• Opening at 17 ... 30 V						
- OFF-delay NO	ms	5 ... 20	20 ... 80		5 ... 20	
- ON-delay NC	ms	10 ... 30	30 ... 90		10 ... 30	
Upright mounting position	Request required					