

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 Size	3RH11 ...-HB40 S00	3RH11 ...-JB40 S00	3RH11 ...-KB40 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
- Closing time NC	ms	22 ... 30	60 ... 70
Upright mounting position	Request required		

Contactor type Size	3RH11 ...-MB40-0KT0 S00	3RH11 ...-VB40 S00	3RH11 ...-WB40 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
- ON-delay NC	ms	10 ... 30	30 ... 90
Upright mounting position	Request required		