SIEMENS

Data sheet

3RH2422-1AU00

Contactor relay, latched, 2 NO + 2 NC, 240 V AC, 50 / 60 Hz, Size S00, screw terminal



product brand name	SIRIUS		
product designation	Auxiliary contactor		
product type designation	3RH2		
General technical data			
size of contactor	S00		
product extension auxiliary switch	Yes		
insulation voltage with degree of pollution 3 at AC rated value	690 V		
degree of pollution	3		
surge voltage resistance rated value	6 kV		
shock resistance at rectangular impulse			
• at AC	7,3g / 5 ms, 4,7g / 10 ms		
shock resistance with sine pulse			
• at AC	11,4g / 5 ms, 7,3g / 10 ms		
mechanical service life (switching cycles)			
 of contactor typical 	5 000 000		
 of the contactor with added electronically optimized auxiliary switch block typical 	5 000 000		
 of the contactor with added auxiliary switch block typical 	5 000 000		
reference code according to IEC 81346-2	К		
Substance Prohibitance (Date)	10/01/2009		
Ambient conditions			
installation altitude at height above sea level maximum	2 000 m		
ambient temperature			
 during operation 	-25 +60 °C		
during storage	-55 +80 °C		
relative humidity minimum	10 %		
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %		
Main circuit			
no-load switching frequency			
• at AC	10 000 1/h		
• at DC	10 000 1/h		
Control circuit/ Control			
type of voltage of the control supply voltage	AC		
control supply voltage at AC			
• at 50 Hz rated value	240 V		
at 60 Hz rated value	240 V		
control supply voltage frequency			

50 Hz
60 Hz
0.8 1.1
0.85 1.1
37 VA
0.8
5.0 5.7 VA
0.25
0.20
8 33 ms
4 15 ms
10 15 ms
2
2
2
2
22 E
10 A
10 A
3 A
2 A
1 A
10 A
3 A
1 A
0.3 A
0.15 A
10 A
10 A
4 A
2 A
1.3 A
0.65 A
10 A
10 A
10 A
3.6 A
2.5 A
1.8 A
1 000 1/h
10 A
1 A
0.3 A
0.14 A
0.1 A
10 A

• if 110 V risk value 1.3 A • if 260 V risk value 0.4 A • if 260 V risk value 0.1 A • or 260 of current with 3 current paths in series at 0.1 A • of 260 V risk value 10 A • if 260 V risk value 10 A • of 260 V risk value 10 A • of 260 V risk value 12 A • of 100 V risk value 12 A • of 100 V risk value 12 A • of 100 V risk value 0.5 A • of 100 V risk value 0.6 A •				
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