## SIEMENS

## Data sheet

## 3RH2262-2BD80



Contactor relay, 6 NO + 2 NC, 115 V DC, Size S00, spring-type terminal, Captive auxiliary switch, Size S00  $\,$ 

product brand name         SIRIUS           product designation         Auxiliary contactor           product designation         3RH2           General technical data         size of contactor           size of contactor         S00           product extension auxiliary switch         No           Insulation voltage with degree of pollution 3 at AC rated value         680 V           degree of pollution         3           surge voltage resistance at rectangular impulse         6 kV           • at DC         10g / 5 ms, 5g / 10 ms           mechanical service life (operating cycles)         10 000 000           • of contactor typical         10 000 000           reference code according to IEC 81346-2         K           Substance Prohibitance (Date)         0701/2006           Ambient temperature         40 uring storage           • during operation         25 +60 °C           • during operation         25 +60 °C           • during storage         55 + 80 °C           relative humidity minimum         10 %           relative humidity at 5° C according to IEC 60068-2:0		
product type designation     3RH2       General technical data     S00       gize of contractor     S00       product extension auxiliary switch     No       Insulation votage with degree of pollution 3 at AC rated value     680 V       degree of pollution     3       surge voltage resistance rated value     6 kV       shock resistance at rectangular impulse     6 kV       at DC     10g / 5 ms, 5g / 10 ms       shock resistance at rectangular impulse     10g / 5 ms, 5g / 10 ms       e at DC     10g / 5 ms, 5g / 10 ms       mechanical service life (operating cycles)     10 000 000       e of contactor typical     10 000 000       reference code according to IEC 81346-2     K       Substance Prohibitance (Date)     07/01/2006       Ambient temperature     4000 m       e during operation     -25 +60 °C       e during operation     -25 +60 °C       e during operation     -25 +60 °C       e during storage     -55 * +80 °C       e during storage     -55 * +80 °C       e at DC     10 000 1/h       e relative humidity at 55 °C according to IEC 60068-2:30       maximum     10 %       relative humidity at 55 °C according to IEC 60068-2:30       maximum     10 000 1/h       e at DC     10 000 1/h </th <th>product brand name</th> <th>SIRIUS</th>	product brand name	SIRIUS
General technical data     S00       size of contactor     S00       product extension auxiliary switch     No       Insulation voltage with degree of pollution 3 at AC rated value     680 V       degree of pollution     3       surge voltage resistance rated value     64 V       shock resistance at rectangular impulse     10 // 5 ms, 5g / 10 ms       shock resistance with sine pulse     15g / 5 ms, 8g / 10 ms       e at DC     15g / 5 ms, 8g / 10 ms       mechanical service life (operating cycles)     0 0000       e of contactor typical     10 000 000       reference code according to EC 81346-2     K       Substance Prohibitance (Date)     07/01/2006       Ambient conditions     110 somo       installation altitude at height above sea level maximum     2 000 m       ambient temperature     -25 +60 °C       • during storage     -55 +80 °C       relative humidity at 55 °C according to EC 60068-2-30     95 %       maximum     10 %       Vipe of voltage of the control supply voltage     DC       control supply voltage at DC     115 V       operating range factor control supply voltage rated value of magnet coil at DC     0.8       • initial value     0.8       • initial value     0.8       • initial value     0.8       • initial	product designation	Auxiliary contactor
size of contactor     S00       product extension auxiliary switch     No       insulation voltage with degree of pollution 3 at AC rated value     690 V       degree of pollution     3       surge voltage resistance rated value     64 V       shock resistance at rectangular impulse     10g / 5 ms, 5g / 10 ms       e at DC     10g / 5 ms, 5g / 10 ms       mechanical service life (operating cycles)     10g / 5 ms, 8g / 10 ms       e of contactor typical     10 000 000       reference code according to EC 81346-2     K       Substance Prohibitance (Date)     07/01/2006       Ambient conditions     2000 m       installation altitude at height above sea level maximum     2 000 m       amblent temperature     -25 +60 °C       e during operation     -25 +60 °C       relative humidity minimum     10 %       relative humidity at 55 °C according to IEC 60068-2-30     95 %       Main circuit     10 000 1/h       on-load switching frequency     0 0000 1/h       e at DC     10 000 1/h	product type designation	3RH2
product extension auxiliary switch         No           Insulation voltage with degree of pollution 3 at AC rated value         680 V           degree of pollution         3           surge voltage resistance rated value         6 kV           shock resistance at rectangular impulse         6 kV           • at DC         10g / 5 ms, 5g / 10 ms           shock resistance with sine pulse         15g / 5 ms, 8g / 10 ms           • at DC         15g / 5 ms, 8g / 10 ms           mechanical service life (operating cycles)         0 000 000           • of contactor typical         10 000 000           reference code according to IEC 81346-2         K           Substance Prohibitance (Date)         07/01/2006           Ambient conditions         2000 m           ambient geperation         -25 +60 °C           • during storage         -55 +60 °C           • during storage         -55 +60 °C           • during storage         -55 +60 °C           • during operation         -25 +60 °C           • during operation         -25 +60 °C           • during operation         -25 +60 °C           • at AC         10 000 1/h           no-load switching frequency         -           • at AC         10 000 1/h	General technical data	
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     6 kV       • at DC     10g / 5 ms, 5g / 10 ms       shock resistance with sine pulse     6 g/ 5 ms, 5g / 10 ms       • at DC     10g / 5 ms, 5g / 10 ms       mechanical service life (operating cycles)     10 000000       • of contactor typical     10 000 000       reference code according to EC 81346-2     K       Substance Prohibitance (Date)     07/01/2006       Ambient conditions     2000 m       installation altitude at height above see level maximum     2 000 m       ambient temperature     -26 +60 °C       • 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     95 %       maximum     Main circuit       no-load switching frequency     0 0000 1/h       • at DC     10 0000 1/h       • at AC     10 0000 1/h       • at DC     10 0000 1/h       • at DC     0 0000 1/h	size of contactor	S00
degree of pollution     3       surge voltage resistance rated value     6 kV       shock resistance at rectangular impulse     6 kV       • at DC     10g / 5 ms, 5g / 10 ms       shock resistance with sine pulse     15g / 5 ms, 8g / 10 ms       • at DC     10g / 5 ms, 8g / 10 ms       mechanical service life (operating cycles)     10 000 000       reference code according to IEC 81346-2     K       Substance Prohibitance (Date)     07/01/2006       Ambient conditions     1       Installation alittude at height above sea level maximum     2 000 m       ambient temperature     -45 +60 °C       • during storage     -55 +60 °C       relative humidity minimum     10 %       relative humidity minimum     10 %       relative humidity frequency     95 %       • at AC     10 000 1/h       • at DC     10 000 1/h       Control supply voltage at DC     10 000 1/h       • rated value     115 V       operating range factor control supply voltage rated value of magnet coil at DC     0.8       • initial value     0.8       • luil-scale value     1.1       closing power of magnet coil at DC     4 W       holdeling power of magnet coil at DC     4 W	product extension auxiliary switch	No
Surge voltage resistance rated value       6 kV         shock resistance at rectangular impulse       10g / 5 ms, 5g / 10 ms         • at DC       10g / 5 ms, 5g / 10 ms         shock resistance with sine pulse       100 000 000         • at DC       15g / 5 ms, 8g / 10 ms         • of contactor typical       10 000 000         reference code according to IEC 81346-2       K         Substance Prohibitance (Date)       07/01/2006         Ambient conditions       1         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -         • during operation       -25 +60 °C         • during storage       -55 +80 °C         • failue at height above sea level maximum       10 %         relative humidity minimum       10 %         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2:30         maximum       95 %         Main circuit       10 0000 1/h         cat DC       10 0000 1/h         cat DC       10 0000 1/h         cat DC       10 0000 1/h         cat dvalue       115 V         operating range factor control supply voltage rated value of magnet coil at DC       0.8	insulation voltage with degree of pollution 3 at AC rated value	690 V
shock resistance at rectangular impulse       i0g / 5 ms, 5g / 10 ms         shock resistance with sine pulse       i0g / 5 ms, 5g / 10 ms         shock resistance with sine pulse       i5g / 5 ms, 8g / 10 ms         mechanical service life (operating cycles)       i         of contactor typical       10 000 000         reference code according to IEC 81346-2       K         Substance Prohibitance (Date)       07/01/2006         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient goeration       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2:30       ms/minimum         maximum       95 %         Main circuit       10 0000 1/h         no-load switching frequency       0         • at AC       10 0000 1/h         • at DC       10 0000 1/h         • at DC       10 0000 1/h         • at DC       0         control supply voltage at DC       0         control supply voltage at DC       0         • at AC       0.8         • at AC       0.8         • initial value	degree of pollution	3
• at DC       10g / 5 ms, 5g / 10 ms         shock resistance with sine pulse       15g / 5 ms, 8g / 10 ms         • at DC       15g / 5 ms, 8g / 10 ms         mechanical service life (operating cycles)       0 000 000         • of contactor typical       10 000 000         reference code according to IEC 81346-2       K         Substance Prohibitance (Date)       07/01/2006         Ambient conditions       1         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • 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       95 %         maximum       10 000 1/h         hol coccutif       10 000 1/h         out occutif       0 000 1/h         • at AC       10 000 1/h         • at AC       10 000 1/h         • at C       0 000 1/h         • at C       0 000 1/h         • at C       0 000 1/h         • at C	surge voltage resistance rated value	6 kV
shock resistance with sine pulse     15g / 5 ms, 8g / 10 ms       • et DC     15g / 5 ms, 8g / 10 ms       mechanical service life (operating cycles)     10 000 000       • of contactor typical     10 000 000       reference code according to IEC 81346-2     K       Substance Prohibitance (Date)     07/01/2006       Ambient conditions     07/01/2006       installation altitude at height above sea level maximum     2 000 m       ambient temperature     0 uring operation       -25 +60 °C     -55 +80 °C       relative humidity minimum     10 %       relative humidity minimum     10 %       relative humidity at 55 °C according to IEC 60068-2-30     maximum       Main circuit     10 000 1/h       o-load switching frequency     0 000 1/h       • at AC     10 000 1/h       • at C     10 000 1/h       • at AC     0 0.8	shock resistance at rectangular impulse	
• at DC     15g / 5 ms, 8g / 10 ms       mechanical service life (operating cycles)     0 000 000       • of contactor typical     10 000 000       reference code according to IEC 81346-2     K       Substance Prohibitance (Date)     07/01/2006       Ambient conditions     2 000 m       ambient temperature     -25 +60 °C       • during operation     -25 +60 °C       • during storage     -55 +88 °C       relative humidity at 55 °C according to IEC 60068-2-30     95 %       Main circuit     10 %       no-load switching frequency     95 %       • at AC     10 000 1/h       • at AC     10 000 1/h       • at QC     0       • at QC     0       • at QC     115 V       • operating range factor control supply voltage rated value of magnet coll at DC     0.8       • initial value     0.8       • initial value     0.8<	• at DC	10g / 5 ms, 5g / 10 ms
mechanical service life (operating cycles)     0 000 000       reference code according to IEC 81346-2     K       Substance Prohibitance (Date)     07/01/2006       Ambient conditions     0       installation altitude at height above sea level maximum     2 000 m       ambient temperature     -25 +60 °C       • during operation     -25 +60 °C       relative humidity minimum     10 %       relative humidity at 55 °C according to IEC 60068-2-30     95 %       maximum     Main circuit       no-load switching frequency     0 000 1/h       • at AC     10 000 1/h       • at AC     0 000 1/h       • at AC     10 000 1/h <td< th=""><th>shock resistance with sine pulse</th><th></th></td<>	shock resistance with sine pulse	
• of contactor typical       10 000 000         reference code according to IEC 81346-2       K         Substance Prohibitance (Date)       07/01/2006         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 at 55 °C according to IEC 60068-2-30       95 %       -         Main circuit       10 000 1/h       -       -         no-load switching frequency       0 10 000 1/h       -       -         • at DC       10 000 1/h       -       -       -         type of voltage of the control supply voltage       DC       -       -       -         • ortool circuit/ Control       115 V       -<	• at DC	15g / 5 ms, 8g / 10 ms
reference code according to IEC 81346-2       K         Substance Prohibitance (Date)       07/01/2006         Ambient conditions	mechanical service life (operating cycles)	
Substance Prohibitance (Date)       07/01/2006         Ambient conditions       2 000 m         ambient temperature       -25 +60 °C         • 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       95 %         maximum       95 %         Main circuit       10 000 1/h         no-load switching frequency       0 000 1/h         • at AC       10 000 1/h         • at DC       10 000 1/h         control circuit/ Control       Very of voltage of the control supply voltage         control supply voltage at DC       0 000 1/h         • rated value       115 V         operating range factor control supply voltage rated value of magnet coil at DC       0.8         • initial value       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W	<ul> <li>of contactor typical</li> </ul>	10 000 000
Ambient conditions       2 000 m         ambient temperature       -25 +60 °C         • 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       95 %         maximum       95 %         Main circuit       10 000 1/h         no-load switching frequency       10 000 1/h         • at AC       10 000 1/h         • at DC       10 000 1/h         control circuit/ Control       type of voltage of the control supply voltage         type of voltage of DC       0000 1/h         operating range factor control supply voltage rated value of magnet coil at DC       115 V         operating range factor control supply voltage rated value of magnet coil at DC       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W         closing delay       4 W	reference code according to IEC 81346-2	К
installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • 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       95 %         Main circuit       95 %         no-load switching frequency       10 000 1/h         • at AC       10 0000 1/h         • at DC       10 0000 1/h         Control circuit/ Control       10 000 1/h         type of voltage of the control supply voltage       DC         control supply voltage at DC       0         • rated value       115 V         operating range factor control supply voltage rated value of magnet coil at DC       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W	Substance Prohibitance (Date)	07/01/2006
ambient temperature       -25 +60 °C         • 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       95 %         maximum       95 %         Main circuit       -o-load switching frequency         no-load switching frequency       10 000 1/h         • at AC       10 000 1/h         • at DC       10 000 1/h         Control circuit/ Control       10 000 1/h         type of voltage of the control supply voltage       DC         control supply voltage at DC       115 V         operating range factor control supply voltage rated value of magnet coil at DC       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W	Ambient conditions	
• 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	installation altitude at height above sea level maximum	2 000 m
• during storage-55 +80 °Crelative humidity minimum10 %relative humidity at 55 °C according to IEC 60068-2-30 maximum95 %Main circuitno-load switching frequency • at AC10 000 1/h• at DC10 000 1/h• at DC10 000 1/hControl circuit/ Control000 1/hControl supply voltage at DCDC• rated value115 V• operating range factor control supply voltage rated value of magnet coil at DC115 V• initial value0.8• full-scale value1.1closing power of magnet coil at DC4 Wholding power of magnet coil at DC4 W	ambient temperature	
relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       95 %         no-load switching frequency       0000 1/h         • at AC       10 000 1/h         • at DC       10 000 1/h         Control circuit/ Control       10 000 1/h         type of voltage of the control supply voltage       DC         control supply voltage at DC       0C         • rated value       115 V         operating range factor control supply voltage rated value of magnet coil at DC       0.8         • initial value       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W	during operation	-25 +60 °C
relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       no-load switching frequency         • at AC       10 000 1/h         • at DC       10 000 1/h         Control circuit/ Control       10 000 1/h         type of voltage of the control supply voltage       DC         control supply voltage at DC       0         • rated value       115 V         operating range factor control supply voltage rated value of magnet coil at DC       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W	during storage	-55 +80 °C
maximum       Main circuit         Main circuit       Image: Second	relative humidity minimum	10 %
no-load switching frequency       in 0000 1/h         • at AC       10 000 1/h         • at DC       10 000 1/h         Control circuit/ Control       DC         type of voltage of the control supply voltage       DC         control supply voltage at DC       • rated value         • rated value       115 V         operating range factor control supply voltage rated value of magnet coil at DC       0.8         • initial value       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W		95 %
• at AC       10 000 1/h         • at DC       10 000 1/h         Control circuit/ Control       DC         type of voltage of the control supply voltage       DC         control supply voltage at DC       115 V         • rated value       115 V         operating range factor control supply voltage rated value of magnet coil at DC       0.8         • initial value       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W	Main circuit	
• at AC       10 000 1/h         • at DC       10 000 1/h         Control circuit/ Control       DC         type of voltage of the control supply voltage       DC         control supply voltage at DC       115 V         • rated value       115 V         operating range factor control supply voltage rated value of magnet coil at DC       0.8         • initial value       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W		
• at DC10 000 1/hControl circuit/ ControlDCtype of voltage of the control supply voltageDCcontrol supply voltage at DC115 V• rated value115 Voperating range factor control supply voltage rated value of magnet coil at DC0.8• initial value0.8• full-scale value1.1closing power of magnet coil at DC4 Wholding power of magnet coil at DC4 W		10 000 1/h
Control circuit/ Control         type of voltage of the control supply voltage       DC         control supply voltage at DC       115 V         • rated value       115 V         operating range factor control supply voltage rated value of magnet coil at DC       0.8         • initial value       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W		
type of voltage of the control supply voltage     DC       control supply voltage at DC     115 V       • rated value     115 V       operating range factor control supply voltage rated value of magnet coil at DC     0.8       • initial value     0.8       • full-scale value     1.1       closing power of magnet coil at DC     4 W       holding power of magnet coil at DC     4 W		
control supply voltage at DC       115 V         • rated value       115 V         operating range factor control supply voltage rated value of magnet coil at DC       0.8         • initial value       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W		DC
rated value     operating range factor control supply voltage rated value of magnet coil at DC     initial value     0.8     full-scale value     1.1 closing power of magnet coil at DC     4 W holding power of magnet coil at DC     4 W closing delay		
operating range factor control supply voltage rated value of magnet coil at DC       0.8         • initial value       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W         closing delay       0.8		115 V
• initial value       0.8         • full-scale value       1.1         closing power of magnet coil at DC       4 W         holding power of magnet coil at DC       4 W         closing delay       4 W	operating range factor control supply voltage rated value of	
• full-scale value     1.1       closing power of magnet coil at DC     4 W       holding power of magnet coil at DC     4 W       closing delay     4 W	-	0.8
closing power of magnet coil at DC     4 W       holding power of magnet coil at DC     4 W       closing delay     4 W		
holding power of magnet coil at DC     4 W       closing delay     4 W		
closing delay		
	• at DC	30 100 ms

opening delay	
• at DC	7 13 ms
arcing time	10 15 ms
Auxiliary circuit	
number of NC contacts for auxiliary contacts	2
<ul> <li>instantaneous contact</li> </ul>	2
number of NO contacts for auxiliary contacts	6
<ul> <li>instantaneous contact</li> </ul>	6
identification number and letter for switching elements	62 E
operational current at AC-12 maximum	10 A
operational current at AC-15	
• at 230 V rated value	6 A
• at 400 V rated value	3 A
• at 500 V rated value	2 A
at 690 V rated value	1 A
operational current at 1 current path at DC-12	
<ul> <li>at 24 V rated value</li> </ul>	10 A
• at 110 V rated value	3 A
• at 220 V rated value	1 A
• at 440 V rated value	0.3 A
at 600 V rated value	0.15 A
operational current with 2 current paths in series at DC-12	
• at 24 V rated value	10 A
<ul> <li>at 60 V rated value</li> </ul>	10 A
<ul> <li>at 110 V rated value</li> </ul>	4 A
<ul> <li>at 220 V rated value</li> </ul>	2 A
<ul> <li>at 440 V rated value</li> </ul>	1.3 A
at 600 V rated value	0.65 A
operational current with 3 current paths in series at DC-12	
at 24 V rated value	10 A
at 60 V rated value	10 A
• at 110 V rated value	10 A
• at 220 V rated value	3.6 A
• at 440 V rated value	2.5 A
at 600 V rated value	1.8 A
operating frequency at DC-12 maximum	1 000 1/h
<ul> <li>operational current at 1 current path at DC-13</li> <li>at 24 V rated value</li> </ul>	6 A
at 24 V rated value	1A
at 220 V rated value	0.3 A
at 440 V rated value	0.14 A
at 600 V rated value	0.1 A
operational current with 2 current paths in series at DC-13	
at 24 V rated value	10 A
at 60 V rated value	3.5 A
at 110 V rated value	1.3 A
at 220 V rated value	0.9 A
• at 440 V rated value	0.2 A
at 600 V rated value	0.1 A
operational current with 3 current paths in series at DC-13	
at 24 V rated value	10 A
• at 60 V rated value	4.7 A
• at 110 V rated value	3 A
• at 220 V rated value	1.2 A
• at 440 V rated value	0.5 A
• at 600 V rated value	0.26 A
operating frequency at DC-13 maximum	1 000 1/h
design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V	C characteristic: 6 A; 0.4 kA
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings	

contact rating of auxiliary contacts according to UL	A600 / Q600			
Short-circuit protection				
design of the fuse link for short-circuit protection of the auxiliary switch required	fuse gL/gG: 10 A			
stallation/ mounting/ dimensions				
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface			
fastening method	screw and snap-on mounting onto 35 mm DIN rail			
height	70 mm			
width	45 mm			
depth	121 mm			
required spacing				
<ul> <li>with side-by-side mounting</li> </ul>				
— forwards	10 mm			
— upwards	10 mm			
— downwards	10 mm			
— at the side	0 mm			
<ul> <li>for grounded parts</li> </ul>				
— forwards	10 mm			
— upwards	10 mm			
— at the side	6 mm			
— downwards	10 mm			
<ul> <li>for live parts</li> </ul>				
— forwards	10 mm			
— upwards	10 mm			
— downwards	10 mm			
— at the side	6 mm			
Connections/ Terminals				
type of electrical connection for auxiliary and control circuit	spring-loaded terminals			
type of connectable conductor cross-sections				
<ul> <li>for auxiliary contacts</li> </ul>				
— solid or stranded	2x (0,5 4 mm²)			
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 2.5 mm²)			
<ul> <li>finely stranded without core end processing</li> </ul>	2x (0.5 2.5 mm²)			
<ul> <li>for AWG cables for auxiliary contacts</li> </ul>	2x (20 12)			
afety related data				
product function positively driven operation according to IEC 60947-5-1	Yes			
B10 value with high demand rate according to SN 31920	1 000 000; With 0.3 x le			
proportion of dangerous failures				
<ul> <li>with low demand rate according to SN 31920</li> </ul>	40 %			
<ul> <li>with high demand rate according to SN 31920</li> </ul>	73 %			
failure rate [FIT] with low demand rate according to SN 31920	100 FIT			
T1 value for proof test interval or service life according to IEC 61508	20 a			
protection class IP on the front according to IEC 60529	IP20			
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front			
Certificates/ approvals				
General Product Approval				
Confirmation CSA				
Functional	Conformity Test Certificates			

RCM	<u>Type Examination Cer-</u> <u>tificate</u>	UK CA	CE EG-Konf.	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>
Marine / Shipping					
ABS	BUREAU VERITAS		Lloyd's Register LRS	PRS	RINA
Marine / Shipping	other		Railway	Dangerous Good	
RMRS	<u>Confirmation</u>	VDE	Vibration and Shock	Transport Information	
Further information					
https://press.siemens.cc Siemens is working o Please contact your loc EAC relevant market (cc Information on the pa https://support.industry Information- and Dow https://www.siemens.cc Industry Mall (Online	.siemens.com/cs/ww/en/view mloadcenter (Catalogs, Bro om/ic10	iemens-wind-down-rus it EAC certificates. us of validity of the EA EU member states Rus //109813875 ochures,)	C certification if you intend ssia or Belarus).	d to import or offer to supp	bly these products to an

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2262-2BD80

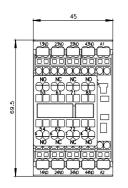
Service&Support industry.siemens.com/cs/ww/characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RH2262-2BD80 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

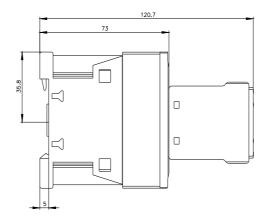
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RH2262-2BD80&lang=en

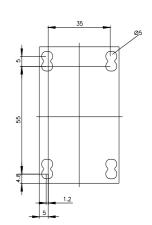
Characteristic: Tripping characteristics, I2t, Let-through current

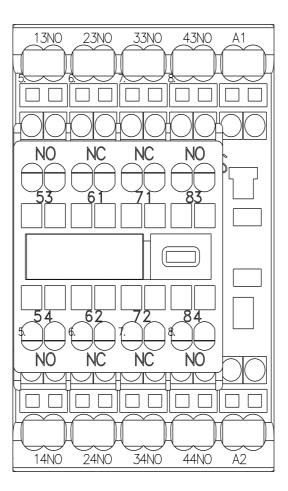
https://support.industry.siemens.com/cs/ww/en/ps/3RH2 2BD80/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RH2262-2BD80&objecttype=14&gridview=view1

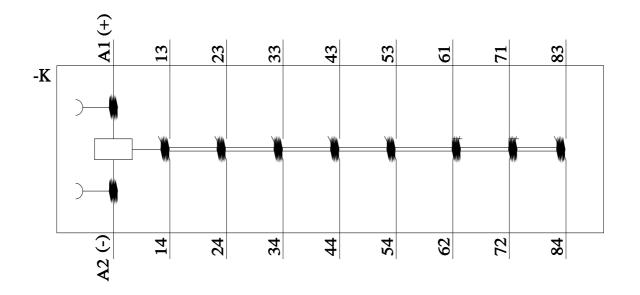








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