## SIEMENS

## Data sheet

## 3RT2326-2BF40



Contactor, AC-1, 40 A/400 V/40  $^\circ\text{C},$  S0, 4-pole, 110 V DC, 1 NO+1 NC, Spring-type terminal

product brand name	SIRIUS
product designation	Contactor
product type designation	3RT23
General technical data	
size of contactor	S0
product extension	
<ul> <li>function module for communication</li> </ul>	No
<ul> <li>auxiliary switch</li> </ul>	Yes
power loss [W] for rated value of the current	
at AC in hot operating state	9.6 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	2.4 W
<ul> <li>without load current share typical</li> </ul>	5.9 W
insulation voltage	
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
<ul> <li>of the auxiliary and control circuit with degree of pollution 3 rated value</li> </ul>	690 V
surge voltage resistance	
<ul> <li>of main circuit rated value</li> </ul>	6 kV
<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
shock resistance at rectangular impulse	
• at DC	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	
• at DC	15g / 5 ms, 10g / 10 ms
mechanical service life (switching cycles)	
<ul> <li>of contactor typical</li> </ul>	10 000 000
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
<ul> <li>during operation</li> </ul>	-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	
number of poles for main current circuit	4
number of NO contacts for main contacts	4

operational current	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C</li> </ul>	40 A
rated value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	40 A
	35 A
— up to 690 V at ambient temperature 60 °C rated value	55 A
• at AC-3	
— at 400 V rated value	15.5 A
• at AC-4 at 400 V rated value	15.5 A
minimum cross-section in main circuit at maximum AC-1	10 mm²
rated value	
operating power	
• at AC-3 at 400 V rated value	7.5 kW
<ul> <li>at AC-4 at 400 V rated value</li> </ul>	7.5 kW
short-time withstand current in cold operating state	
up to 40 °C	
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
at DC	1 500 1/h
operating frequency at AC-1 maximum	1 000 1/h
Control circuit/ Control	
type of voltage	DC
type of voltage of the control supply voltage	DC
control supply voltage at DC	
rated value	110 V
operating range factor control supply voltage rated	
value of magnet coil at DC	
<ul> <li>initial value</li> </ul>	0.8
full-scale value	1.1
closing power of magnet coil at DC	5.9 W
holding power of magnet coil at DC	5.9 W
closing delay	
• at DC	50 170 ms
opening delay	
• at DC	15 18 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
attachable	2
<ul> <li>instantaneous contact</li> </ul>	1
number of NO contacts for auxiliary contacts	1
attachable	2
<ul> <li>instantaneous contact</li> </ul>	1
operational current at AC-12 maximum	10 A
operational current at AC-15	
at 230 V rated value	10 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 DC-12	
at 24 V rated value	10 A
at 48 V rated value	6 A
at 60 V rated value	6 A
	3 A
<ul> <li>at 110 V rated value</li> </ul>	071

• at 125 V relativation       2 A         • at 260 V relativation       1 A         • at 600 V relativation       0.15 A         • or 20 V relativation       10 A         • at 24 V roled value       10 A         • at 24 V roled value       10 A         • at 320 V relativation       0.3 A         • at 220 V relativation       0.1 A         design of the minitum carcult breaker for short-circuit protection       0.1 A         Contact reliability of auxiliary contacts       1 fauly switching per 100 million (17 V, 1 mA)         UCCSA rankings       1 fauly switching per 100 million (17 V, 1 mA)         UCCSA ranking of the fause link       - or the reliability of auxiliary contacts         • for short-circuit protection       No         • for short-circuit protection       No         festening method       - convertical mounting surface: can be tilted         • safeb-yoide mounting       - convertical mounting surface: can be tilted         • for short-circuit protection       - convertical mounting surface: can be tilted         • for short-circuit protection       - convertical m				
• at 800 Y rated value         015 A           operational current at DC-13         10 A           • at 24 V rated value         2 A           • at 125 V rated value         10 A           • at 250 V rated value         10 A           • at 250 V rated value         0.9 A           • at 250 V rated value         0.9 A           • at 250 V rated value         0.9 A           • at 250 V rated value         0.1 A           design of the miniture circuit breaker for short-circuit protection         doi: 10 A (230 V, 400 A)           protection of the auxiliary switch required         15 A (250 V, 400 A)           UL/05A ratings         - contact ratility of auxiliary contacts           • or short-circuit protection         A600 / 0800           Short-circuit protection         A600 / 0800           • or short-circuit protection         Keine V, 100 KA)           • or short-circuit protection         Keine V, 100 KA)           • or short-circuit protection of the auxiliary switch required         Si 10 A (690 V, 100 KA)           #statiation mounting dimensions         + -160" rotation possible on vertical mounting surface: can be tilted forward and abckward by +2.25" on vertical mounting surface: can be tilted forward and backward by +2.25" on vertical mounting surface: can be tilted forward and backward by +2.25" on vertical mounting surface: can be tilted forward and backward by +2.25" on vertical m	<ul> <li>at 125 V rated value</li> </ul>	2 A		
operational current at DC-13         10 A           • af 24 Vrated value         10 A           • af 43 Vrated value         10 A           • af 12 Vrated value         10 A           • af 12 Vrated value         0.9 A           • af 120 Vrated value         0.9 A           • af 120 Vrated value         0.1 A           design of the ministure circuit breaker for short-circuit protection of the axiliary souther required         16.10 A (230 V, 400 A)           contact reliability of axiliary contacts         1 faulty switching per 100 million (17 V, 1 mA)           contact reliability of axiliary contacts according to UL         A600 / Q600           Short-circuit protection of the main circuit - with type of coordination 1 required - with type of coordination 1 required - with type of coordination 1 required - with type of coordinations         No           Model-by-aide mounting         Yes           fastening method         scccraing to Din Exel/and mounting aufface: can be billed forward and backward by +/: 22.5° on vertical mounting aufface: can be side           • side-by-aide mounting         Yes           height         10 mm           - ontwards         10 mm	<ul> <li>at 220 V rated value</li> </ul>	1 A		
<ul> <li>af 24 V relative</li> <li>af 24 V relative</li> <li>af 25 V relative</li> <li>af 26 V relative</li> <li>af 10 V relative</li> <li>af 125 V relative</li> <li>af 125 V relative</li> <li>af 26 V relative</li></ul>	<ul> <li>at 600 V rated value</li> </ul>	0.15 A		
<ul> <li>af 48 V risid value</li> <li>af 10 V rade value</li> <li>af 220 V rade value</li> <li>0.3 A</li> <li>af 220 V rade value</li> <li>0.3 A</li> <li>af 220 V rade value</li> <li>0.3 A</li> <li>af 220 V rade value</li> <li>0.1 A</li> <li>design of the ministure carcult breaker for short-circuit protection of the auxiliary scontacts</li> <li>1 faulty switching per 100 million (17 V, 1 mA)</li> <li>U/CSA rating</li> <li>contact reliability of auxiliary contacts according to UL</li> <li>A500 / Q800</li> <li>Short-circuit protection of the main circuit</li> <li>- with type of coordination 1 required</li> <li>Gris floct-circuit protection of the main circuit</li> <li>- with type of coordination 1 required</li> <li>Gris floct-circuit protection of the auxiliary switch required</li> <li>Side-by-side mounting</li> <li>side-by-side mounting</li> <li>vibra side-by-side mounting</li> <li>- florwards</li> <li>0 mm</li> <li>- goverads</li> <li>0 mm</li></ul>	operational current at DC-13			
<ul> <li>et 110 V rated value</li> <li>et 125 V rated value</li> <li>0.3 A</li> <li>et 220 V rated value</li> <li>0.3 A</li> <li>et 220 V rated value</li> <li>0.1 A</li>     &lt;</ul>	<ul> <li>at 24 V rated value</li> </ul>	10 A		
• et 125 V rated value     0.9 A       • at 220 V rated value     0.3 A       • at 800 V rated value     0.1 A       design of the ministure circuit breaker for short-circuit protection of the auxiliary solution (17 V, 1 mA)     1 stuly switching per 100 million (17 V, 1 mA)       Contact reliability of auxiliary contacts according to UL     A600 / Q600       Short-circuit protection of the main circuit - with type of assignment 2 required     9G: 10 A (230 V, 400 A)       — with type of assignment 2 required     9G: 3A (690 V, 100 kA)       — with type of assignment 2 required     9G: 20 A (690 V, 100 kA)       — with type of assignment 2 required     9G: 20 A (690 V, 100 kA)       — with type of assignment 2 required     9G: 20 A (690 V, 100 kA)       mounting position     +/+180° rotation possible on vertical mounting surface; can be tilted forward and backward by 4/-22 5' on vertical mounting ruli       according to bink RNB (715     Sore and backward by 4/-22 5' on vertical mounting ruli       • at be-by-side mounting     Yes       height     102 mm       • with side-by-side mounting     100 mm       • of onrowards     10 mm       • of onrowards     10 mm       • onrowards     <	<ul> <li>at 48 V rated value</li> </ul>			
• et 220 / reted value     0.3 A       0:1 doing of the minitatre circuit breaker for short-circuit protection of the axuilary contacts according to UL     0.1 A       0:1 doing of the minitatre circuit breaker for short-circuit protection     0:1 A       0:1 doing of the minitatre circuit breaker for short-circuit protection     1 faulty switching per 100 million (17 V, 1 mA)       UL/CSA ratings	<ul> <li>at 110 V rated value</li> </ul>			
• et 220 / reted value     0.3 A       0:1 doing of the minitatre circuit breaker for short-circuit protection of the axuilary contacts according to UL     0.1 A       0:1 doing of the minitatre circuit breaker for short-circuit protection     0:1 A       0:1 doing of the minitatre circuit breaker for short-circuit protection     1 faulty switching per 100 million (17 V, 1 mA)       UL/CSA ratings				
• at 600 V rated value         0.1 A           design of the miniature circul breaker for short-circuit protection of the souling value availary switch required         1 faulty switching per 100 million (17 V, 1 mA)           ULCSA ratings         1 faulty switching per 100 million (17 V, 1 mA)           ULCSA ratings         600 / C600           Short-circuit protection         No           design of the fuse link         600 / C600           • for short-circuit protection of the main circuit         - with type of coordination 1 required           • for short-circuit protection of the auxiliary switch required         96: 10 A (690 V, 100 kA)           • for short-circuit protection of the auxiliary switch required         96: 10 A (690 V, 100 kA)           • for short-circuit protection of the auxiliary switch required         96: 10 A (690 V, 100 kA)           • side-by-side mounting         +/-180' rotation possible on vertical mounting surface; can be tilted forward and backward by +/-22.5' on vertical mounting surface           • side-by-side mounting         102 rmn           with         102 rmn           with         102 rmn           with         100 rmn           • org grounded parts         10 mm           - onvards         10 mm           - onvards         10 mm           - onvards         10 mm           - forwards				
design of the envirature clock breaker for short-clocul protection of the auxiliary worth required       gG: 10 A (230 V, 400 A)         curled reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UUCSA ratings       4 800 / 2600         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UUCSA ratings       6 800 / 2600         product function short circuit protection       6 800 / 2600         design of the fuse link       6 or short-circuit protection of the main circuit         - with type of continuation 1 required       gG: 63 A (690 V, 100 kA)         - with type of continuation 1 required       gG: 10 A (690 V, 100 kA)         installation/ mounting of imensions       +/180° rotation possible on vertical mounting surface; can be tilted forward and backward by ++2.25' on vertical mounting surface         fastening method       +/180° rotation possible on vertical mounting surface; can be tilted forward and backward by ++2.25' on vertical mounting rail according to DIN EN 60715         velfa skachy-side mounting       Yes         height       100 mm         - orwards       10 mm				
protection of the auxiliary contacts         1 faulty switching per 100 million (17 V, 1 mA)           UL/CSA ratings         1 faulty switching per 100 million (17 V, 1 mA)           UL/CSA ratings         A600 / Q600           product function short circuit protection         No           design of the fuse link         • for short-circuit protection of the main circuit           - with type of coordination 1 required         gG: 83 A (690 V, 100 KA)           • for short-circuit protection of the auxiliary switch required         gG: 20 A (690 V, 100 KA)           • for short-circuit protection of the auxiliary switch required         gG: 20 A (690 V, 100 KA)           • for short-circuit protection of the auxiliary switch required         gG: 20 A (690 V, 160 KA)           • for short-circuit protection of the auxiliary switch required         gG: 20 A (690 V, 160 KA)           • for short-circuit protection of the auxiliary switch required         gG: 20 A (690 V, 160 KA)           • side-by-side mounting         • for short-circuit protection of the auxiliary switch required           • side-by-side mounting         • for short-circuit protection of the auxiliary switch required           • side-by-side mounting         • for ground to at the side           • of with side-by-side mounting         • for ground to at the side           • of wards         10 mm           - onwards         10 mm           <				
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 / 0600           Short-circuit protection         montains         Montact           product function short circuit protection         No         Gesign of the fuse link           - with type of conditions in the quieted         gG: 63 A (690 V, 100 KA)         gG: 10 A (690 V, 100 KA)           - with type of condition of the auxiliary switch required         gG: 10 A (690 V, 100 KA)         gG: 10 A (690 V, 100 KA)           installation/mounting / function         +/-180* rotation possible on vertical mounting surface; can be tilted forward and backward by +/-22.5* on vertical mounting rail according to DIN EN 60715           side-by-side mounting         Yes           height         102 mm           width         60 mm           depth         102 mm           - forwards         10 mm           - downwards         10 mm           - downwards         10 mm           - downwards         10 mm           - forwards         10 mm           - downwards         10 mm           - downwards         10 mm           - downwards         10 mm           - forwards         10 mm <tr< td=""><td></td><td>yo. 10 A (230 V, 400 A)</td></tr<>		yo. 10 A (230 V, 400 A)		
ULCSA ratings       Add0 / Q600         contact rating of auxiliary contacts according to UL       Add0 / Q600         Short-circuit protection       No         design of the fuse link       •         • for short-circuit protection of the main circuit       -         - with type of assignment 2 required       GG: 63 A (690 V, 100 kA)         - with type of assignment 2 required       GG: 20 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       GG: 10 A (690 V, 100 kA)         instalation/mounting/dimensions       +/-180° rotation possible on vertical mounting surface; can be tilted toward and backward by +/-22.5° on vertical mounting surface         fastening method       screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715         • side-by-side mounting       Yes         height       102 mm         with side-by-side mounting       107 mm         required spacing       • with side by-side mounting         • upwards       10 mm         - upwards       10 mm         - upwards       10 mm         - at the side       6 mm         - forwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         <		1 faulty switching per 100 million (17 V. 1 mA)		
contact rating of auxiliary contacts according to UL         A600 / Q600           Short-circuit protection         Mo           design of the fuse link         No           - with type of contraction 1 required         gG: 63 A (690 V, 100 kA)           - with type of assignment 2 required         gG: 20 A (690 V, 100 kA)           - with type of assignment 2 required         gG: 20 A (690 V, 100 kA)           - with type of assignment 2 required         gG: 20 A (690 V, 100 kA)           required         for short-circuit protection of the auxiliary switch           required         fastaliaton/ mounting offmentors           mounting position         +/180° rotation possible on vertical mounting surface; can be tilted           fastaning method         screw and snapmounting onto 35 mm standard mounting rail           according to DIN EN 60715         Yes           height         102 mm           width         60 mm           depth         107 mm           required spacing         0 mm           - upwards         10 mm           - downwards				
Short-circuit protection         No           product function short circuit protection         No           design of the fuse link         • for short-circuit protection of the main circuit         gG: 63 A (690 V, 100 KA)           — with type of assignment 2 required         gG: 63 A (690 V, 100 KA)         gG: 10 A (690 V, 100 KA)           • for short-circuit protection of the auxiliary switch         required         gG: 10 A (690 V, 100 KA)           Installator/ mounting/dimensions         #/180" rotation possible on vertical mounting surface: can be titted forward and backward by +/- 22.5" on vertical mounting surface           fastening method         screw and snap-on mounting onto 35 mm standard mounting rall according to D015           • side-by-side mounting         Yes           height         102 mm           • with side-by-side mounting         00 mm           - downwards         10 mm           - upwards         10 mm           - downwards         10 mm           - downwards         10 mm           - for wards         10 mm           - downwards         10 mm <td></td> <td>A600 / O600</td>		A600 / O600		
product function short circuit protection         No           design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         gG: 63 A (690 V, 100 kA)           - with type of coordination 1 required         gG: 20 A (690 V, 100 kA)         gG: 20 A (690 V, 100 kA)           • for short-circuit protection of the auxiliary switch required         fG: 20 A (690 V, 100 kA)         gG: 20 A (690 V, 100 kA)           fistening method         +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/-22.6° on vertical mounting surface; scale billed forward and backward by +/-22.6° on vertical mounting surface; scale billed forward and backward by +/-22.6° on vertical mounting rail according to DIN EN 60715           * side-by-side mounting         Yes           height         102 mm           width         60 mm           depth         107 mm           required spacing         100 mm           • of or yourds         10 mm           - downwards         10 mm		A0007 Q000		
design of the fuse link <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of assignment 2 required</li> <li>gG: 63 A (690 V, 100 kA)</li> <li>gG: 10 A (690 V, 100 kA)</li> <li>gG</li></ul>				
		NO		
with type of coordination 1 required     gG: 63 A (680 V, 100 kA)      with type of assignment 2 required     gG: 20 A (680 V, 100 kA)       in or short-circuit protection of the auxiliary switch required     gG: 10 A (680 V, 1 kA)       installation/mounting/dimensions     +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface       fastening method     screw and nap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715       • side-by-side mounting     Yes       height     102 mm       width     60 mm       depth     102 mm       erquired spacing     0       • with side-by-side mounting     -forwards       10 mm     - upwards       10 mm     - upwards       10 mm     - upwards       10 mm     - upwards       10 mm     - otowards       10 mm     - otowards       10 mm     - upwards       1	-			
with type of assignment 2 required     gG: 20 A (680 V, 100 kA)       • for short-circuit protection of the auxiliary switch required     gG: 10 A (680 V, 100 kA)       Installation/ mounting/ dimensions     +/-180° rotation possible on vertical mounting surface; can be tilled forward and backward by +/-22.5° on vertical mounting surface.       fastening method     screw and snap-on mounting onto 35 mm standard mounting rail according to DN EN 60715       • side-by-side mounting     Yes       height     102 mm       width     60 mm       depth     107 mm       required spacing     0 mm       • onwards     10 mm       - upwards     10 mm       - upwards     10 mm       - domwards     10 mm       - upwards     10 mm       - forwards     10 mm       - domwards     10 mm       - domwards     10 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - forwards     10 mm       - downwards     10 mm       - at the side     6 mm       - forwards     10 mm       - of rewards     10 mm       - of rewards     10 mm	·			
• for short-circuit protection of the auxiliary switch required     gG: 10 A (680 V, 1 kA)       Installation/ mounting dimensions     +/-180° rotation possible on vertical mounting surface: can be tilled forward and backward by +/2 2.5° on vertical mounting surface       fastening method     screw and snap-on mounting out 05 mm standard mounting rail according to DIN EN 60715       • side-by-side mounting     Yes       height     102 mm       width     60 mm       depth     107 mm       required spacing     •       • with side-by-side mounting     -       - forwards     10 mm       - upwards     10 mm       - upwards     0 mm       - domwards     10 mm       - upwards     10 mm       - at the side     0 mm       - of revards     10 mm       - upwards     10 mm       - at the side     6 mm       - domwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - forwards     10 mm       - downwards     10 mm       - at the side     6 mm       - forwards     10 mm       - at the side     6 mm       - for wards </td <td></td> <td>gG: 63 A (690 V, 100 kA)</td>		gG: 63 A (690 V, 100 kA)		
Installation/ mounting / immunodiation       mounting position     +/-180° rotation possible on vertical mounting surface; can be tilled forward and backward by +/- 22.5° on vertical mounting surface       fastening method     screw and snap-on mounting onto 35 mm standard mounting rail according to DN EN 60715       • eide-by-side mounting     Yes       midth     60 mm       depth     102 mm       • eide-by-side mounting     60 mm       - forwards     10 mm       - upwards     10 mm       - downwards     10 mm       - at the side     0 mm       - forwards     10 mm       - at the side     0 mm       - downwards     10 mm       - at the side     0 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - forwards <td></td> <td>gG: 20 A (690 V, 100 kA)</td>		gG: 20 A (690 V, 100 kA)		
Installation/ mounting / dimensions         +/180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting ratace           fastening method         screw and snap-on mounting onto 35 mm standard mounting rail according to DN 15           • side-by-side mounting         Yes           height         102 mm           width         60 mm           depth         107 mm           required spacing         00 mm           - forwards         10 mm           - upwards         10 mm           - downwards         0 mm           - downwards         10 mm           - forwards         10 mm           - of or audilary and cont		gG: 10 A (690 V, 1 kA)		
mounting position         +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.8° on vertical mounting surface screw and backward by +/- 22.8° on vertical mounting screw and back terminals screw an	required			
fastening method     forward and backward by +/. 22.5° on vertical mounting surface       fastening method     screw and snap-on mounting on 0.35 mm standard mounting rail according to DIN EN 60715       height     102 mm       width     60 mm       depth     107 mm       required spacing     0 mm       - forwards     10 mm       - upwards     10 mm       - downwards     10 mm       - at the side     0 mm       - at the side     0 mm       - at the side     0 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - forwards     10 mm       - at the side     6 mm       - forwards     10 mm       - at the side     6 mm       - forwards     10 mm       - at the side     6 mm       - forwards     10 mm       - at the side     6 mm       - forwards     10 mm       - at the side     6 mm	Installation/ mounting/ dimensions			
fastening method       screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715         height       102 mm         width       60 mm         depth       107 mm         required spacing       0 mm         • with side-by-side mounting       0 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - downwards       10 mm         - at the side       0 mm         - forwards       10 mm         - downwards       10 mm         - at the side       0 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         0 ownwards       10 mm         - at the side       6 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         Ownmetds       10 mm         - at the side       6 mm         ownwards       10 mm         - at the side       6 mm         of or main current circuit       spring-loaded terminals         i or consin current circuit       spring-loaded terminals	mounting position			
e side-by-side mounting     Yes       height     102 mm       width     60 mm       depth     107 mm       required spacing     0 mm       • with side-by-side mounting     0 mm       • own wards     10 mm       - downwards     10 mm       - adownwards     10 mm       - at the side     0 mm       • for grounded parts     10 mm       - at the side     0 mm       • for grounded parts     10 mm       - at the side     6 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - at the side     6 mm       - forwards     10 mm       - forwards     10 mm       - at the side     6 mm       - at the side     6 mm       - at the side     6 mm       - forwards     10 mm       - at the side     6 mm </td <td></td> <td></td>				
height       102 mm         width       60 mm         depth       107 mm         required spacing       107 mm         • with side-by-side mounting       10 mm         - forwards       10 mm         - upwards       10 mm         - downwards       0 mm         - at the side       0 mm         • for grounded parts       0 mm         - at the side       0 mm         - at the side       6 mm	fastening method			
width       60 mm         depth       107 mm         required spacing       107 mm         • with side-by-side mounting       10 mm         - forwards       10 mm         - upwards       10 mm         - at the side       0 mm         - at the side       6 mm         - downwards       10 mm	<ul> <li>side-by-side mounting</li> </ul>	Yes		
depth       107 mm         required spacing       • with side-by-side mounting         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - downwards       0 mm         - downwards       10 mm         - at the side       0 mm         - for grounded parts       10 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         - downwards       10 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm <td>height</td> <td>102 mm</td>	height	102 mm		
required spacing         • with side-by-side mounting         - forwards       10 mm         - upwards       10 mm         - upwards       10 mm         - at the side       0 mm         • for grounded parts       0 mm         - at the side       0 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       10 mm         type of electrical connection       6 mm         • for main current circuit       spring-loaded terminals         • for main control circuit       spring-loaded terminals         • of magnet coil       Spring-type terminals         • of magnet coil       Spring-type terminals         • of main contacts       Spring-type terminals         • of main contacts       2x (1 10 mm²)         - solid       2x (1 10 mm²)	width	60 mm		
required spacing         • with side-by-side mounting         - forwards       10 mm         - upwards       10 mm         - upwards       10 mm         - at the side       0 mm         • for grounded parts       0 mm         - at the side       0 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       10 mm         type of electrical connection       6 mm         • for main current circuit       spring-loaded terminals         • for main control circuit       spring-loaded terminals         • of magnet coil       Spring-type terminals         • of magnet coil       Spring-type terminals         • of main contacts       Spring-type terminals         • of main contacts       2x (1 10 mm²)         - solid       2x (1 10 mm²)	depth	107 mm		
<ul> <li>with side-by-side mounting</li> <li>forwards</li> <li>upwards</li> <li>0 mm</li> <li>upwards</li> <li>0 mm</li> <li>downwards</li> <li>0 mm</li> <li>at the side</li> <li>0 mm</li> <li>for grounded parts</li> <li>forwards</li> <li>10 mm</li> <li>upwards</li> <li>0 mm</li> <li>upwards</li> <li>10 mm</li> <li>upwards</li> <li>10 mm</li> <li>downwards</li> <li>10 mm</li> <li>for live parts</li> <li>for wards</li> <li>10 mm</li> <li>upwards</li> <li>10 mm</li> <li>at the side</li> <li>6 mm</li> <li>downwards</li> <li>10 mm</li> <li>for wards</li> <li>10 mm</li> <li>for main current circuit</li> <li>spring-loaded terminals</li> <li>of magnet coil</li> <li>Spring-loaded terminals</li> <li>of magnet coil</li> <li>Spring-loaded terminals</li> <li>of magnet coil</li> <li>Spring-type terminals</li> <li>of magnet coil</li> <li>spring-type terminals</li> <li>type of connectable conductor cross-sections</li> <li>of magnet coil</li> <li>spring-type terminals</li> <li>at contacts</li> <li>spring-type terminals</li> <li>of magnet coil</li> <li>spring-type terminals</li> <li>at contacts</li> <li>of magnet coil</li> <li>spring-type terminals</li> <li>of magnet coil</li> <li>spring-type terminals</li> <li>at contactor for auxiliary contacts</li> <li>spring-type terminals</li> <li>at contacts</li> <li>a colid on stranded</li> <li>2x (1 10 mm<sup>2</sup>)</li> <li>a solid on stranded</li> <li>2x (1 10 mm<sup>2</sup>)</li> <li>finely stranded with core end processing</li> <li>2x (1 6 mm<sup>2</sup>)</li> </ul>	required spacing			
- forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - downwards       0 mm         - at the side       0 mm         - for grounded parts       10 mm         - forwards       10 mm         - forwards       10 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - for auxiliary and control circuit       spring-loaded terminals         - for auxiliary and control circuit       spring-loaded terminals         - of magnet coil       Spring-type terminals </td <td></td> <td></td>				
upwards       10 mm        downwards       0 mm        at the side       0 mm         • for grounded parts       -        forwards       10 mm        upwards       10 mm        at the side       6 mm        downwards       10 mm        at the side       6 mm        downwards       10 mm        downwards       10 mm        forwards       10 mm        downwards       5 ming-loaded terminals        for auxiliary and control circuit       spring-loaded terminals        of magnet coil       Spring-type terminals      -	, .	10 mm		
- downwards     10 mm       - at the side     0 mm       • for grounded parts     0 mm       - forwards     10 mm       - upwards     10 mm       - upwards     10 mm       - at the side     6 mm       - downwards     10 mm       - downwards     10 mm       - forwards     10 mm       - downwards     10 mm       - downwards     10 mm       - forwards     10 mm       - upwards     10 mm       - upwards     10 mm       - upwards     10 mm       - downwards     10 mm       - at the side     6 mm       Connections     6 mm       • for auxiliary and control circuit     spring-loaded terminals       • for auxiliary and control circuit     spring-loaded terminals       • at contactor for auxiliary contacts     Spring-type terminals       • of magnet coil     Spring-type terminals       • of magnet coil     2x (1 10 mm²)   <				
at the side0 mm• for grounded parts forwards10 mm upwards10 mm at the side6 mm downwards10 mm downwards10 mm• for live parts forwards10 mm upwards10 mm upwards10 mm upwards10 mm upwards10 mm at the side6 mm downwards10 mm at the side6 mmConnections/ Terminals5 pring-loaded terminals• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• of magnet coilSpring-type terminals• of magnet coilSpring-type terminals• of main contacts- solid- solid2x (1 10 mm²)- solid or stranded2x (1 10 mm²)- finely stranded with core end processing2x (1 6 mm²)				
<ul> <li>for grounded parts         <ul> <li>forwards</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>omm</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>for man</li> <li>downwards</li> <li>mm</li> </ul> </li> <li>for wards</li> <li>for man</li> <li>downwards</li> <li>downwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> </ul> <li>Connections/ Terminals</li> <li>for auxiliary and control circuit</li> <li>spring-loaded terminals</li> <li>of magnet coil</li> <li>Spring-type terminals</li> <li>of magnet coil</li> <li>spring-type terminals</li> <li>of main contacts</li> <li>spring-type terminals</li> <ul> <li>at contactor for auxiliary contacts</li> <li>spring-type terminals</li> <li>of magnet coil</li> <li>spring-type terminals</li> <li>of magnet coil</li> <li>spring-type terminals</li> <li>of magnet coil</li> <li>spring-type terminals</li> <li>of main contacts</li> <li>solid</li> <li>2x (1 10 mm<sup>2</sup>)</li> <li>solid or stranded</li> <li>2x (1 10 mm<sup>2</sup>)</li> <li>finely stranded with core end processing</li> <li>2x (1 6 mm<sup>2</sup>)</li> </ul>				
- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm- downwards10 mm• for live parts forwards10 mm- upwards10 mm- upwards10 mm- downwards10 mm- downwards10 mm- downwards6 mm- downwards6 mm- downwards6 mm- downwards9 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuit• for main current circuitspring-loaded terminals• for auxiliary contacts• of magnet coilspring-type terminals• of magnet coiltype of connectable conductor cross-sections• for main contacts- solid- solid- solid or stranded- solid or stranded- finely stranded with core end processing2x (1 10 mm²)- finely stranded with core end processing2x (1 6 mm²)		0 mm		
upwards10 mm at the side6 mm downwards10 mm downwards10 mm forwards10 mm upwards10 mm upwards10 mm downwards6 mm at the side6 mmConnections/ Terminals for auxiliary and control circuit for auxiliary contactsSpring-loaded terminals of magnet coilSpring-type terminals solidSpring-type terminals solid2x (1 10 mm²) solid2x (1 10 mm²) finely stranded with core end processing2x (1 6 mm²)				
- at the side       6 mm         - downwards       10 mm         • for live parts       0 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       6 mm         • for main current circuit       spring-loaded terminals         • for auxiliary and control circuit       spring-loaded terminals         • at contactor for auxiliary contacts       Spring-type terminals         • of magnet coil       Spring-type terminals         type of connectable conductor cross-sections       • for main contacts         - solid       2x (1 10 mm²)         - solid or stranded       2x (1 10 mm²)         - finely stranded with core end processing				
- downwards       10 mm         • for live parts       10 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals         type of electrical connection         • for main current circuit       spring-loaded terminals         • for auxiliary and control circuit       spring-loaded terminals         • at contactor for auxiliary contacts       Spring-type terminals         • of magnet coil       Spring-type terminals         type of connectable conductor cross-sections       • for main contacts         - solid       2x (1 10 mm²)         - solid or stranded       2x (1 10 mm²)         - finely stranded with core end processing       2x (1 6 mm²)				
<ul> <li>for live parts         <ul> <li>forwards</li> <li>mm</li> <li>mywards</li> <li>mm</li> <li>downwards</li> <li>mm</li> <li>at the side</li> <li>mm</li> <li>at the side</li> <li>mm</li> </ul> </li> <li>Terminals</li> <li>for main current circuit</li> <li>spring-loaded terminals</li> <li>for auxiliary and control circuit</li> <li>spring-loaded terminals</li> <li>of magnet coil</li> </ul> <li>Spring-type terminals</li> <li>of magnet coil</li> <li>spring-type terminals</li> <li>of main contacts             <ul> <li>solid</li> <li>x (1 10 mm²)</li> <li>solid or stranded</li> <li>x (1 10 mm²)</li> <li>finely stranded with core end processing</li> </ul> </li>				
- forwards10 mm- upwards10 mm- downwards0 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• at contactor for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminals• for main contacts- solid- solid2x (1 10 mm²)- solid or stranded2x (1 10 mm²)- finely stranded with core end processing2x (1 6 mm²)		10 mm		
- upwards10 mm- downwards10 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminalstype of connectable conductor cross-sectionsSpring-type terminals• for main contacts- solid- solid2x (1 10 mm²)- solid or stranded2x (1 10 mm²)- finely stranded with core end processing2x (1 6 mm²)	<ul> <li>for live parts</li> </ul>			
- downwards10 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• at contactor for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminalstype of connectable conductor cross-sectionsSpring-type terminals• for main contacts- solid- solid2x (1 10 mm²)- solid or stranded2x (1 10 mm²)- finely stranded with core end processing2x (1 6 mm²)	— forwards	10 mm		
at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• at contactor for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminalstype of connectable conductor cross-sectionsSpring-type terminals• for main contacts- solid- solid or stranded2x (1 10 mm²)- finely stranded with core end processing2x (1 6 mm²)	— upwards	10 mm		
Connections/ Terminals         type of electrical connection         • for main current circuit         • for auxiliary and control circuit         • at contactor for auxiliary contacts         • of magnet coil         type of connectable conductor cross-sections         • for main contacts         - solid         - solid or stranded         - finely stranded with core end processing	— downwards	10 mm		
type of electrical connection       spring-loaded terminals         • for main current circuit       spring-loaded terminals         • for auxiliary and control circuit       spring-loaded terminals         • at contactor for auxiliary contacts       Spring-type terminals         • of magnet coil       Spring-type terminals         type of connectable conductor cross-sections       Spring-type terminals         • for main contacts       - solid         - solid or stranded       2x (1 10 mm²)         - finely stranded with core end processing       2x (1 6 mm²)	— at the side	6 mm		
type of electrical connection       spring-loaded terminals         • for main current circuit       spring-loaded terminals         • for auxiliary and control circuit       spring-loaded terminals         • at contactor for auxiliary contacts       Spring-type terminals         • of magnet coil       Spring-type terminals         type of connectable conductor cross-sections       Spring-type terminals         • for main contacts       - solid         - solid or stranded       2x (1 10 mm²)         - finely stranded with core end processing       2x (1 6 mm²)	Connections/ Terminals			
<ul> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> <li>at contactor for auxiliary contacts</li> <li>of magnet coil</li> <li>Spring-type terminals</li> <li>of main contacts</li> <li>for main contacts</li> <li>- solid</li> <li>- solid or stranded</li> <li>- finely stranded with core end processing</li> <li>spring-type terminals</li> <li>2x (1 10 mm<sup>2</sup>)</li> <li>2x (1 6 mm<sup>2</sup>)</li> </ul>				
<ul> <li>for auxiliary and control circuit</li> <li>at contactor for auxiliary contacts</li> <li>of magnet coil</li> <li>Spring-type terminals</li> <li>of connectable conductor cross-sections</li> <li>for main contacts         <ul> <li>as olid</li> <li>as olid</li> <li>as olid or stranded</li> <li>as olid or stranded with core end processing</li> </ul> </li> </ul>		spring-loaded terminals		
<ul> <li>at contactor for auxiliary contacts</li> <li>of magnet coil</li> <li>Spring-type terminals</li> <li>Spring-type terminals</li></ul>				
• of magnet coil     Spring-type terminals       type of connectable conductor cross-sections        • for main contacts     2x (1 10 mm²)       — solid or stranded     2x (1 10 mm²)       — finely stranded with core end processing     2x (1 6 mm²)	-			
type of connectable conductor cross-sections         • for main contacts         — solid       2x (1 10 mm²)         — solid or stranded       2x (1 10 mm²)         — finely stranded with core end processing       2x (1 6 mm²)	-			
<ul> <li>for main contacts</li> <li>— solid</li> <li>— solid or stranded</li> <li>— finely stranded with core end processing</li> <li>2x (1 10 mm<sup>2</sup>)</li> <li>2x (1 10 mm<sup>2</sup>)</li> <li>2x (1 6 mm<sup>2</sup>)</li> </ul>		Spring-type terminals		
solid2x (1 10 mm²) solid or stranded2x (1 10 mm²) finely stranded with core end processing2x (1 6 mm²)				
— solid or stranded2x (1 10 mm²)— finely stranded with core end processing2x (1 6 mm²)				
— finely stranded with core end processing 2x (1 6 mm <sup>2</sup> )				
— finely stranded without core end processing 2x (1 6 mm <sup>2</sup> )				
	<ul> <li>finely stranded without core end processing</li> </ul>	2x (1 6 mm²)		

<ul> <li>at AWG cables</li> </ul>	s for main contacts	2x	(18 8)				
	ctor cross-section for		(100)				
contacts							
<ul> <li>solid</li> </ul>	• solid		10 mm²				
<ul> <li>solid or strande</li> </ul>	ed	1	10 mm²				
<ul> <li>stranded</li> </ul>	stranded		10 mm²				
<ul> <li>finely stranded</li> </ul>	with core end processir	ng 1	1 6 mm <sup>2</sup>				
<ul> <li>finely stranded</li> </ul>	without core end proces	ssing 1.	6 mm²				
connectable conductor contacts	connectable conductor cross-section for auxiliary						
<ul> <li>solid or strande</li> </ul>	ed	0.5	0.5 2.5 mm²				
<ul> <li>finely stranded</li> </ul>	with core end processir	ng 0.5	0.5 1.5 mm²				
<ul> <li>finely stranded</li> </ul>	without core end proces	ssing 0.5	5 2.5 mm²				
type of connectable	conductor cross-sect	ions					
<ul> <li>for auxiliary co</li> </ul>	ntacts						
— solid		2x	(0.5 2.5 mm²)				
— solid or st	randed	2x	(0.5 2.5 mm <sup>2</sup> )				
— finely stra	nded with core end proc	essing 2x	(0.5 1.5 mm <sup>2</sup> )				
	nded without core end p	-	(0.5 2.5 mm <sup>2</sup> )				
	for auxiliary contacts	-	(20 14)				
	ded connectable cond		· · ·				
<ul> <li>for main contact</li> </ul>	cts	18	8				
<ul> <li>for auxiliary co</li> </ul>			14				
Safety related data							
product function		_					
•	poperding to IEC 60047	4-1 Ye	0				
	according to IEC 60947-						
IEC 61508			20 у				
60529	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			
Communication/ Prot							
product function bu	product function bus communication						
Certificates/ approva	ls						
General Product A	pproval				EMC		
SP	<u>Confirmation</u>		(U) II	EHC	RCM		
Functional Safety/Safety of Machinery	Declaration of Conf	ormity	Test Certificates		Marine / Shipping		
<u>Type Examination</u> <u>Certificate</u>	UK CA	CE EG-Konf.	Type Test Certific- ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	ABS		
Marine / Shipping							
BUREAU VERITAS		Lloyd's Register urs	PRS	RINA	RMRS		
other		Dangerous Good					

7/8/2022



## **Further information**

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2326-2BF40

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2326-2BF40

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RT2326-2BF40

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2326-2BF40&lang=en

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2326-2BF40/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2326-2BF40&objecttype=14&gridview=view1

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