## SIEMENS

## Data sheet

## 3RT2036-1AJ60



power contactor, AC-3e/AC-3, 51 A, 22 kW / 400 V, 3-pole, 92 V AC, 50 Hz / 110 V, 60 Hz, auxiliary contacts: 1 NO + 1 NC, screw terminal, size: S2

product brand name         SIRIUS           product designation         Power contactor           product type designation         3RT2           General technical data
product type designation         3RT2           General technical data         S2           size of contactor         S2           product extension         No           • function module for communication         No           • auxiliary switch         Yes           power loss [W] for rated value of the current         12 W           • at AC in hot operating state per pole         4 W           • without load current share typical         18.5 W           insulation voltage         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of main circuit rated value         6 kV           • of auxiliary circuit rated value         6 kV           • of main circuit rated value         6 kV           • of main circuit rated value         6 kV           • of auxiliary circuit rated value         6 kV           • of auxiliary circuit rated value         6 kV           • of main circuit rated value         6 kV           • of main circuit rated value         6 kV           • of auxiliary circuit rated value         6 kV           • of auxiliary circuit rated value         6 kV           • of auxiliary circuit rated val
General technical data         size of contactor       S2         product extension       No         • function module for communication       No         • auxiliary switch       Yes         power loss [W] for rated value of the current       12 W         • at AC in hot operating state per pole       4 W         • at AC in hot operating state per pole       4 W         • without load current share typical       18.5 W         insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit ated value       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit ated value       64 kV         • of auxiliary circuit rated value       64 kV
size of contactorS2product extensionNo• function module for communicationNo• auxiliary switchYespower loss [W] for rated value of the current12 W• at AC in hot operating state12 W• at AC in hot operating state per pole4 W• without load current share typical18.5 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of main circuit rated value600 V• of main circuit rated value61 kV• of auxiliary circuit rated value61 kV• of a
product extensionImage: state
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• auxiliary switchYespower loss [W] for rated value of the currentI• at AC in hot operating state12 W• at AC in hot operating state per pole4 W• at AC in hot operating state per pole4 W• without load current share typical18.5 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 V• of main circuit rated value600 V• of main circuit rated value600 V• of main circuit rated value600 V• of auxiliary circuit rated value64 kV• of auxiliary circuit rated value64 kV• of auxiliary circuit rated value400 Vmaximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1400 Vshock resistance at rectangular impulse • at AC11.8g / 5 ms, 7.4g / 10 ms• at AC11.8g / 5 ms, 11.6g / 10 ms
power loss [W] for rated value of the current• at AC in hot operating state12 W• at AC in hot operating state per pole4 W• without load current share typical18.5 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 V• of main circuit avith degree of pollution 3 rated value690 V• of main circuit rated value690 V• of main circuit rated value690 V• of main circuit rated value64 V• of auxiliary circuit rated value64 V• of auxiliary circuit rated value61 V• of auxiliary circuit rated value11.8g / 5 ms, 7.4g / 10 ms• at AC11.8g / 5 ms, 11.6g / 10 ms
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• at AC in hot operating state per pole4 W• without load current share typical18.5 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 V• of auxiliary circuit ated value690 V• of main circuit rated value690 V• of main circuit rated value690 V• of main circuit rated value64 KV• of auxiliary circuit rated value64 KV• at AC11.8g / 5 ms, 7.4g / 10 ms• at AC18.5g / 5 ms, 11.6g / 10 ms
• without load current share typical18.5 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 V• of auxiliary circuit rated value6 kV• of main circuit rated value6 kV• of auxiliary circuit rated value100 Vshock resistance at rectangular impulse • at AC11.8g / 5 ms, 7.4g / 10 ms• at AC18.5g / 5 ms, 11.6g / 10 ms
insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       690 V         • of main circuit rated value       690 V         • of auxiliary circuit rated value       6 kV         maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       11.8g / 5 ms, 7.4g / 10 ms         • at AC       18.5g / 5 ms, 11.6g / 10 ms
• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 Vsurge voltage resistance690 V• of main circuit rated value600 V• of main circuit rated value6 kV• of auxiliary circuit rated value600 V• of auxiliary circuit rated value6 kV• of auxiliary circuit rated value100 V• at AC11.8g / 5 ms, 7.4g / 10 ms• at AC18.5g / 5 ms, 11.6g / 10 ms
• of auxiliary circuit with degree of pollution 3 rated value690 Vsurge voltage resistance• of main circuit rated value6 kV• of auxiliary circuit rated value6 kV• of auxiliary circuit rated value6 kVmaximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1400 Vshock resistance at rectangular impulse • at AC11.8g / 5 ms, 7.4g / 10 msshock resistance with sine pulse • at AC18.5g / 5 ms, 11.6g / 10 ms
surge voltage resistance       6 kV         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       11.8g / 5 ms, 7.4g / 10 ms         shock resistance with sine pulse       18.5g / 5 ms, 11.6g / 10 ms
• of main circuit rated value6 kV• of auxiliary circuit rated value6 kVmaximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1400 Vshock resistance at rectangular impulse • at AC11.8g / 5 ms, 7.4g / 10 msshock resistance with sine pulse • at AC18.5g / 5 ms, 11.6g / 10 ms
• of auxiliary circuit rated value       6 kV         maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       400 V         • at AC       11.8g / 5 ms, 7.4g / 10 ms         shock resistance with sine pulse       18.5g / 5 ms, 11.6g / 10 ms
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse <ul> <li>at AC</li> <li>the sistance with sine pulse</li> <li>at AC</li> <li>the sistance with sine pulse</li> <li>at AC</li> </ul> 11.8g / 5 ms, 7.4g / 10 ms
coil and main contacts according to EN 60947-1         shock resistance at rectangular impulse <ul> <li>at AC</li> <li>11.8g / 5 ms, 7.4g / 10 ms</li> </ul> shock resistance with sine pulse <ul> <li>at AC</li> <li>18.5g / 5 ms, 11.6g / 10 ms</li> </ul>
• at AC     11.8g / 5 ms, 7.4g / 10 ms       shock resistance with sine pulse     18.5g / 5 ms, 11.6g / 10 ms
shock resistance with sine pulse     43 5 7 5 ms, 11.6g / 10 ms       • at AC     18.5g / 5 ms, 11.6g / 10 ms
• at AC 18.5g / 5 ms, 11.6g / 10 ms
mechanical service life (operating cycles)
of contactor typical     10 000 000
of the contactor with added electronically optimized auxiliary switch block typical
of the contactor with added auxiliary switch block typical     10 000 000
reference code according to IEC 81346-2 Q
Substance Prohibitance (Date) 10/01/2014
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 95 % 95 %
Main circuit
number of poles for main current circuit 3

number of NO contacts for main contacts	3
operating voltage	
at AC-3 rated value maximum	690 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C rated	70 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	70 A
— up to 690 V at ambient temperature 60 °C rated	60 A
value	
• at AC-3	
— at 400 V rated value	51 A
— at 500 V rated value	51 A
— at 690 V rated value	24 A
• at AC-3e	
— at 400 V rated value	51 A
— at 500 V rated value	51 A
— at 690 V rated value	24 A
at AC-4 at 400 V rated value	41 A
at AC-5a up to 690 V rated value	61.6 A
• at AC-5b up to 400 V rated value	41.5 A
• at AC-6a	43.2 A
— up to 230 V for current peak value n=20 rated value	
<ul> <li>— up to 400 V for current peak value n=20 rated value</li> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>	43.2 A 43.2 A
— up to 500 V for current peak value n=20 rated value	45.2 A 24 A
• at AC-6a	24 A
<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	28.8 A
— up to 200 V for current peak value n=30 rated value	28.8 A
— up to 500 V for current peak value n=30 rated value	28.8 A
— up to 690 V for current peak value n=30 rated value	24 A
minimum cross-section in main circuit at maximum AC-1 rated	25 mm <sup>2</sup>
value	
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	24 A
at 690 V rated value	20 A
operational current	
<ul> <li>at 1 current path at DC-1</li> </ul>	
— at 24 V rated value	55 A
— at 60 V rated value	23 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
• with 2 current paths in series at DC-1	
— at 24 V rated value	55 A
— at 60 V rated value	45 A
— at 110 V rated value	45 A
— at 220 V rated value	5 A
— at 440 V rated value	1 A
— at 600 V rated value	0.8 A
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	55 A
— at 60 V rated value	55 A
— at 110 V rated value	55 A
— at 220 V rated value	45 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>	

— at 24 V rated value	35 A
— at 60 V rated value	6 A
— at 220 V rated value	1 A
— at 440 V rated value	0.1 A
— at 600 V rated value	0.06 A
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	55 A
— at 60 V rated value	45 A
— at 110 V rated value	25 A
— at 220 V rated value	5 A
— at 440 V rated value	0.27 A
— at 600 V rated value	0.16 A
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	55 A
— at 60 V rated value	55 A
— at 110 V rated value	55 A
— at 220 V rated value	25 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.35 A
operating power	
• at AC-2 at 400 V rated value	22 kW
• at AC-3	
— at 230 V rated value	15 kW
— at 400 V rated value	22 kW
— at 500 V rated value	30 kW
— at 690 V rated value	22 kW
• at AC-3e	
— at 400 V rated value	22 kW
— at 500 V rated value	30 kW
— at 690 V rated value	22 kW
operating power for approx. 200000 operating cycles at AC-	
4	
• at 400 V rated value	12.6 kW
at 690 V rated value	18.2 kW
operating apparent power at AC-6a	47.011/4
• up to 230 V for current peak value n=20 rated value	17.2 kVA
• up to 400 V for current peak value n=20 rated value	29.9 kVA
• up to 500 V for current peak value n=20 rated value	37.4 kVA
up to 690 V for current peak value n=20 rated value	28.6 kVA
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	11.4 kVA
• up to 400 V for current peak value n=30 rated value	19.9 kVA
• up to 500 V for current peak value n=30 rated value	24.9 kVA
up to 690 V for current peak value n=30 rated value	28.6 kVA
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>	937 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	697 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 0 s switching at zero current maximum</li> </ul>	468 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	282 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> </ul>	229 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at AC	5 000 1/h
operating frequency	
at AC-1 maximum	1 000 1/h
• at AC-1 maximum	600 1/h
• at AC-3 maximum	800 1/h
• at AC-3e maximum	800 1/h
<ul> <li>at AC-3e maximum</li> <li>at AC-4 maximum</li> </ul>	800 1/h 250 1/h
• at AC-4 maximum	800 1/h 250 1/h

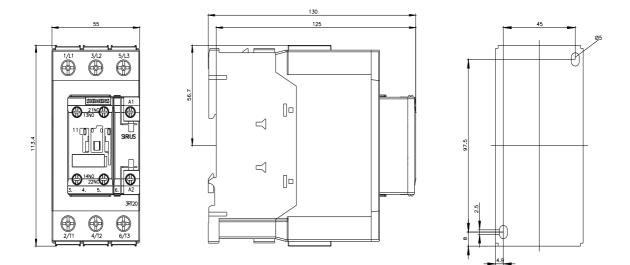
control supply voltage at AC	
• at 50 Hz rated value	92 V
• at 60 Hz rated value	110 V
operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.8 1.1
apparent pick-up power of magnet coil at AC	
● at 50 Hz	212 VA
• at 60 Hz	188 VA
inductive power factor with closing power of the coil	
● at 50 Hz	0.69
• at 60 Hz	0.65
apparent holding power of magnet coil at AC	
• at 50 Hz	18.5 VA
• at 60 Hz	16.5 VA
inductive power factor with the holding power of the coil	
• at 50 Hz	0.36
• at 60 Hz	0.39
closing delay	
• at AC	10 80 ms
opening delay	
• at AC	10 18 ms
arcing time	10 20 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts instantaneous contact	1
number of NO contacts for auxiliary contacts instantaneous contact	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
• at 110 V rated value	3 A
• at 125 V rated value	2 A
• at 220 V rated value	1A
• at 600 V rated value	0.15 A
operational current at DC-13	
• at 24 V rated value	10 A
• at 48 V rated value	2 A
at 60 V rated value	2 A
at 110 V rated value	1A
at 125 V rated value	0.9 A
at 220 V rated value	0.3 A
at 600 V rated value	0.1 A
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	52 A
at 400 V rated value     at 600 V rated value	52 A 52 A
yielded mechanical performance [hp]	
for single-phase AC motor	
- IUI SILIYIC-PLIASE AU IIUUU	
	3 hn
— at 110/120 V rated value — at 230 V rated value	3 hp 10 hp

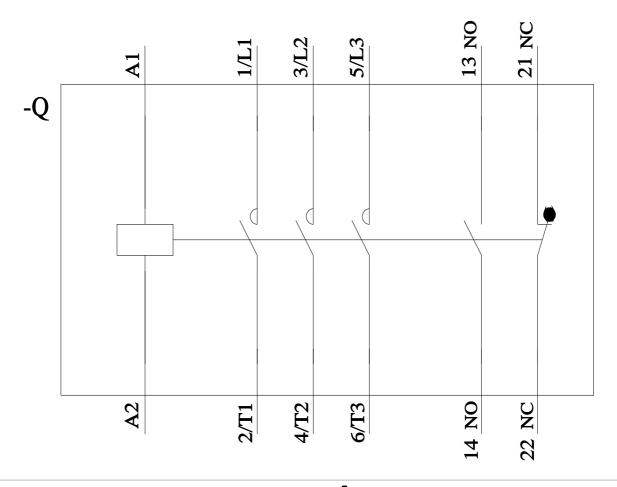
	e for 3-phase AC motor	
	for 3-phase AC motor    at 200/208 \/ rated value	5 hn
		•
contact rating of auxiliary contacts according to UL       A600 / P600         Sind-Cricit protection       design of the fives link         - for short-circuit protection of the main circuit       gG: 160 A (600 V, 100 KA), akl: 80 A (690 V, 100 KA), BS8: 63 gG: 10 A (600 V, 100 KA), akl: 80 A (690 V, 100 KA), BS8: 63 gG: 10 A (600 V, 100 KA), akl: 80 A (690 V, 100 KA), BS88: 63 gG: 10 A (600 V, 100 KA), akl: 80 A (690 V, 100 KA), BS88: 63 gG: 10 A (600 V, 100 KA), akl: 80 A (690 V, 100 KA), BS88: 63 gG: 10 A (600 V, 100 KA), akl: 80 A (690 V, 100 KA), BS88: 63 gG: 10 A (600 V, 100 KA), akl: 80 A (690 V, 100 KA), BS88: 63 gG: 10 A (600 V, 100 KA), BS88: 63 gG: 10 A (		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         &A         • with type of assignment 2 required         • or short-circuit protection of the auxiliary switch required         • or short-circuit protection of the auxiliary switch required         • or short-circuit protection of the auxiliary switch required         • side-by-side mounting         mounting position         • side-by-side mounting         • side-by-side mounting         • with side-by-side mounting         • with side-by-side mounting         • with side-by-side mounting         • or grounded parts         • for grounded parts         • for file parts         • for like parts         • for like parts         • downwards       10 mm         • downwards       10 mm         • downwards       10 mm         • downwards       10 mm         • for raising radio for auxiliary contacts       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • for auxiliary contacts       screw-type terminals     <		•
design of the fuse link <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of cassignment 2 required</li> <li>g6: 160 A (690 V, 100 KA), aM: 80 A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), BS&amp; 63</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), aM: 60A</li> <li>g6: 80A (690 V, 100 KA), aM: 50A (690 V, 100 KA), aM: 60A</li> <li>g6: 80A (690 V, 100 KA), aM: 60A</li></ul>		
for short-circuit protection of the main circuit         — with type of coordination 1 required         Sci 160 A (690 V, 100 AA), aM: 80 A (690 V, 100 AA), BSS         AA)         — with type of assignment 2 required         Sci 10 A (690 V, 100 AA), aM: 80 A (690 V, 100 AA), BSS         AA)         For short-circuit protection of the auxiliary switch required         Sci 10 A (690 V, 100 AA), aM: 80 A (690 V, 100 AA), BSS         AA (690 V, 100 AA), BSS AA         Sci 10 A (690 V, 100 AA), BSS AB         Sci 10 A (690 AB)         Sci 10 A (690 AB)         S		
- with type of coordination 1 required with type of assignment 2 required of s short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required solve 1/2 (So V, 100 kA), aM: 80 A (690 V, 100 kA), BS8: 63 of or short-circuit protection of the auxiliary switch required mounting position thetalation for auxiliary switch required solve 3/2 (So V, 100 kA), aM: 80 A (690 V, 100 kA), BS8: 63 of or short-circuit protection of the auxiliary switch required solve 3/2 (So V, 100 kA), aM: 80 A (690 V, 100 kA), BS8: 63 of or short-circuit protection of the auxiliary switch required solve 3/2 (So V, 100 kA), aM: 80 A (690 V, 100 kA), BS8: 63 of or short-circuit protection of the auxiliary switch required solve 3/2 (So V, 100 kA), aM: 80 A (690 V, 100 kA), BS8: 63 of or short-circuit protection of the auxiliary switch required solve 3/2 (So V, 100 kA), aM: 80 A (690 V, 100 kA), BS8: 63 of or short-circuit protection of the auxiliary switch required solve 3/2 (So V, 100 kA), aM: 80 A (690 V, 100 kA), BS8: 63 of or short-circuit protection avertical mounting surface: ca below and by 4/-22.5° on vertical mounting surface: ca solve 3/2 (So V, 11 kA) for auxiliary and control are avertical mounting surface: ca solid or stranded i for auxiliary and control circuit solve 3/2 (So L, 10 mm - downwards i for auxiliary contacts solid or stranded i for auxiliary contacts i for	-	
image:		C: 160 A (600 V 100 KA) 2M: 80 A (600 V 100 KA) BS88: 125 A (415 V 80
• for short-circuit protection of the auxiliary switch required     gG: 10 A (500 V, 1 kA)     Installation/ mounting dimensions     with     fastening method         screw and snap-on mounting surface; ca         bedward by +-2.2.5 on vertical mounting surface;         screw and snap-on mounting onto 35 mm DIN rail accord         side-by-side mounting         Yes     height     installation/ mounting/         ves         side-by-side mounting         Yes     height     installation         accord and an approximately and accord         side-by-side mounting         ves         required spacing     evide side-by-side mounting         - forwards         10 mm         - upwards         10 mm         - upwards         10 mm         - at the side         0 mm         - forwards         10 mm         - upwards         10 mm         - upwards         10 mm         - upwards         10 mm         - at the side         0 mm         - forwards         10 mm         - at the side         0 mm         - forwards         10 mm         - at the side         0 mm         - forwards         10 mm         - at the side         0 mm         - forwards         10 mm         - at the side         6 mm         - downwards         10 mm         - at the side         6 mm         - downwards         10 mm         - at the side         6 mm         ConnectionAf Terminals         Ype of electrical connection         screw-type terminals         screw-type termi		
Installation/ mounting/dimensions       +/-180° rotation possible on vertical mounting surface; ca         mounting position       +/-180° rotation possible on vertical mounting surface; ca         festening method       screw and snap-on mounting onto 35 mm DIN rail accord         • side-by-side mounting       Yes         height       114 mm         width       55 mm         depth       130 mm         required spacing       0 mm         • with side-by-side mounting       -         - forwards       10 mm         - downwards       10 mm         - downwa	— with type of assignment 2 required gG	G: 80A (690V,100kA), aM: 50A (690V,100kA), BS88: 63A (415V,80kA)
mounting position         +1-80° rotation possible on vertical mounting surface; cabivarid by +1-22.5° on vertical mounting surface; cabivarid by end to end by +1-22.5° on vertical mounting surface; cabivarid by end the end by +1-22.5° on vertical mounting surface; cabivarid by end the end by +1-22.5° on vertical mounting surface; cabivarid by end the end processing 10 mm           - forwards         10 mm           - at the side         6 mm           - forwards         10 mm           - at the side         6 mm           - forwards         10 mm           - forwards         10 mm	• for short-circuit protection of the auxiliary switch required gG	G: 10 A (500 V, 1 kA)
backward by +/-22 5" on vertical mounting surface           fastening method         screw and snap-on mounting onto 35 mm DIN rail accord           height         114 mm           width         55 mm           depth         130 mm           required spacing         0 mm           • with side-by-side mounting         10 mm           - upwards         10 mm           - upwards         0 mm           - downwards         0 mm           - downwards         10 mm           - upwards         10 mm           - downwards         10 mm	ation/ mounting/ dimensions	
fastening method     screw and snap-on mounting onto 35 mm DIN rail accord       height     114 mm       width     55 mm       depth     130 mm       required spacing     •       • with side-by-side mounting     114 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       - upwards     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       - downwards     10 mm       - forwards     10 mm       - of revisor		/-180° rotation possible on vertical mounting surface; can be tilted forward and
• side-by-side mounting       Yes         height       114 mm         width       65 mm         depth       130 mm         required spacing       130 mm         • with side-by-side mounting       10 mm         - forwards       10 mm         - upwards       10 mm         - downwards       00 mm         - downwards       00 mm         - downwards       10 mm         - the side       0 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm		
height       114 mm         width       55 mm         depth       130 mm         required spacing       10 mm         - forwards       10 mm         - downwards       10 mm         - forwards       10 mm         - forwards       10 mm         - downwards       10 mm         - downwards       10 mm         - forwards       10 mm         - downwards	-	crew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
vidth         55 mm           depth         130 mm           required spacing         130 mm           • with side-by-side mounting         -           - forwards         10 mm           - upwards         10 mm           - downwards         0 mm           - at the side         0 mm           - forwards         10 mm           - at the side         0 mm           - forwards         10 mm           - at the side         6 mm           - downwards         10 mm           - at the side         6 mm           - downwards         10 mm           - or auxiliary and control circuit         screw-type terminals           i for making and control circuit         screw-type terminals           • of magnet coil         Screw-type terminals           type o		
depth     130 mm       required spacing		
required spacing         • with side-by-side mounting         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       0 mm         • for grounded parts       0 mm         - forwards       10 mm         - upwards       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         - dornwards       10 mm         - at the side		
with side-by-side mounting         -forwards         -upwards         -upwards         -upwards         -upwards         -orwards         -orwer threate         -orwer threate         -orwards         -orwarethreate         -orwarethreate		30 mm
- forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       0 mm         - forwards       10 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - at he side       6 mm         Connectable conductor circuit       screw-type terminals         soft auxiliary contacts       Screw-typ		
upwards10 mm downwards0 mm at the side0 mm forwards0 mm forwards10 mm upwards10 mm upwards0 mm at the side6 mm downwards10 mm downwards10 mm downwards10 mm forwards10 mm forwards10 mm downwards10 mm downwards50 mm downwards50 mm forey attaited50 crew-type terminals forey attaited50 crew-type terminals forey attaited50 crew-type terminals forey stranded2x (1 35 mm <sup>2</sup> ) finely stranded w		0
- downwards     10 mm       - at the side     0 mm       • for grounded parts     0 mm       - forwards     10 mm       - upwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       Connections/ Terminals     Screw-type terminals       screw-type terminals     Screw-type ter		
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• for grounded parts       10 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         - forwards       10 mm         - forwards       10 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       10 mm         - at the side       6 mm         Connections/ Terminals       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • of magnet coil       Screw-type terminals         • of magnet coil       Screw-type terminals         • of magnet coil or orse-sections for main contacts       solid or stranded         • of inely stranded with core end processing       1 35 mm²), 1x (1 50 mm²)         • finely stranded with core end processing       1 35 mm²         • solid or stranded       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • for auxiliary contacts       - solid or stranded         - solid or stranded       2		
- forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connectable conductor cross-sections or main contacts         • finely stranded with core end processing       2x (1 35 mm <sup>2</sup> ), 1x (1 35 mm <sup>2</sup> )		
- upwards     10 mm       - at the side     6 mm       - downwards     10 mm       • for live parts     10 mm       - forwards     10 mm       - upwards     10 mm       - upwards     10 mm       - downwards     10 mm       - downwards     10 mm       - downwards     10 mm       - at the side     6 mm       Connections/ Terminals     5 mm       type of electrical connection     screw-type terminals       • for auxiliary and control circuit     screw-type terminals       • at contactor for auxiliary contacts     Screw-type terminals       • of magnet coil     Screw-type terminals       type of connectable conductor cross-sections for main contacts     2x (1 35 mm²), 1x (1 50 mm²)       • finely stranded with core end processing     2x (1 35 mm²), 1x (1 50 mm²)       connectable conductor cross-section for main contacts     0.5 2.5 mm²       • finely stranded with core end processing     0.5 2.5 mm²       • finely stranded with core end processing     0.5 2.5 mm²       • for auxiliary contacts     - solid or stranded       • for auxiliary contacts     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)       • finely stranded with core end processing     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)       • for auxiliary contacts     2x (0.5	<b>.</b>	
- at the side       6 mm         - 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       6 mm         type of electrical connection       6 mm         • for axiliary and control circuit       screw-type terminals         • for axiliary and control circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections for main contacts       solid or stranded         • solid or stranded       2x (1 35 mm²), 1x (1 50 mm²)         • finely stranded with core end processing       1 35 mm²         connectable conductor cross-section for main contacts       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       1 35 mm²), 2x (0.75 2.5 mm²)         • finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²		
downwards10 mm• for live parts0 mm forwards10 mm upwards10 mm upwards10 mm downwards10 mm at the side6 mmConnections/ Terminals5 mmtype of electrical connection• for main current circuitscrew-type terminals• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• of magnet coilScrew-type terminals• of magnet coilScrew-type terminals• of oncetable conductor cross-sections for main contactsScrew-type terminals• solid or stranded2x (1 35 mm²), 1x (1 50 mm²)• finely stranded with core end processing2x (1 35 mm²)• finely stranded with core end processing1 35 mm²• finely stranded with core end processing0.5 2.5 mm²• for auxiliary contacts 2.5 mm²• solid or stranded0.5 2.5 mm²• for auxiliary contacts 2.5 mm²• for auxiliary contacts 2.5 mm²• for auxiliary contacts 2.5 mm²• solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (2 16), 2x (18 14)AWG number as coded connectable conductor cross2x (2 16), 2x (18 14)	· · · · · · · · · · · · · · · · · · ·	
<ul> <li>for live parts         <ul> <li>forwards</li> <li>forwards</li> <li>mm</li> <li>upwards</li> <li>mm</li> <li>downwards</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>Type of electrical connection</li> </ul> <li>for auxiliary and control circuit</li> <li>screw-type terminals</li> <li>of magnet coil</li> <li>screw-type terminals</li> <ul> <li>of magnet coil</li> <li>screw-type terminals</li> <li>of magnet coil</li> </ul> <li>screw-type terminals</li> <li>of magnet coil</li> <li>Screw-type terminals</li> <li>screw-type terminals</li> <li>of magnet coil</li> <li>Screw-type terminals</li> <li>screw-type terminals</li> <li>type of connectable conductor cross-sections for main contacts</li> <li>solid or stranded</li> <li>2x (1 35 mm²), 1x (1 50 mm²)</li> <li>finely stranded with core end processing</li> <li>1 35 mm²</li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> <li>0.5 2.5 mm²</li> <li>solid or stranded</li> <li>or stranded</li> <li>or sutiliary contacts</li> <li>a solid or stranded</li> <li>connectable conductor cross-sections</li> <li>for auxiliary contacts</li> <li>a solid or stranded</li> <li>connectable conductor cross-secti</li>		
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downwards     10 mm       at the side     6 mm       Connections/ Terminals       type of electrical connection       • for main current circuit     screw-type terminals       • for auxiliary and control circuit     screw-type terminals       • at contactor for auxiliary contacts     Screw-type terminals       • of magnet coil     Screw-type terminals       type of connectable conductor cross-sections for main contacts     Screw-type terminals       • solid or stranded     2x (1 35 mm²), 1x (1 50 mm²)       • finely stranded with core end processing     2x (1 35 mm²), 1x (1 35 mm²)       connectable conductor cross-section for main contacts        • finely stranded with core end processing     1 35 mm²       connectable conductor cross-section for auxiliary contacts        • finely stranded with core end processing     0.5 2.5 mm²       • finely stranded with core end processing     0.5 2.5 mm²       • for auxiliary contacts        - solid or stranded     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)       • for auxiliary contacts        - solid or stranded     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)       • for auxiliary contacts        - solid or stranded     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)       • for AWG cables for auxiliary contacts     2x		
at the side     6 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 or stranded       • solid or stranded with core end processing       • finely stranded with core end processing       • for auxiliary contacts       • for AWG cables fo		
Connections/ Terminals         type of electrical connection         • for main current circuit         • for auxiliary and control circuit         • at contactor for auxiliary contacts         • at contactor for auxiliary contacts         • of magnet coil         type of connectable conductor cross-sections for main contacts         • solid or stranded         • finely stranded with core end processing         2x (1 35 mm²), 1x (1 50 mm²)         connectable conductor cross-section for main contacts         • finely stranded with core end processing         1 35 mm²)         connectable conductor cross-section for main contacts         • finely stranded with core end processing         1 35 mm²         connectable conductor cross-section for auxiliary contacts         • solid or stranded         0.5 2.5 mm²         • finely stranded with core end processing         0.5 2.5 mm²         • finely stranded with core end processing         0.5 2.5 mm²         • finely stranded with core end processing         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         - finely stranded with core end processing         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • for AWG cables for auxiliary contacts         2x (20		
type of electrical connection• for main current circuit• for auxiliary and control circuit• at contactor for auxiliary contacts• at contactor for auxiliary contacts• of magnet coiltype of connectable conductor cross-sections for main contacts• solid or stranded• finely stranded with core end processing• for auxiliary contacts• solid or stranded• for auxiliary contacts• for auxiliary contacts• for auxiliary contacts• for auxiliary contacts• for AWG cables for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 16), 2x (18 14)AWG number as coded connectable conductor cross		
• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sections for main contactsScrew-type terminals• solid or stranded2x (1 35 mm²), 1x (1 50 mm²)• finely stranded with core end processing2x (1 35 mm²), 1x (1 35 mm²)connectable conductor cross-section for main contactsI 35 mm²• finely stranded with core end processing1 35 mm²connectable conductor cross-section for auxiliary contactsI 35 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• for auxiliary contactsI 35 mm²• for auxiliary contactsI 35 mm²• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 16), 2x (18 14)AWG number as coded connectable conductor cross2x (20 16), 2x (18 14)		
• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sections for main contactsScrew-type terminals• solid or stranded2x (1 35 mm²), 1x (1 50 mm²)• finely stranded with core end processing2x (1 25 mm²), 1x (1 35 mm²)connectable conductor cross-section for main contactsImage: Connectable conductor cross-section for main contacts• finely stranded with core end processing1 35 mm²connectable conductor cross-section for auxiliary contactsImage: Connectable conductor cross-section for auxiliary contacts• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• for auxiliary contactsImage: Connectable conductor cross-sections• for AWG cables for auxiliary contactsImage: Connectable conductor cross-section• for AWG cables for auxiliary contactsImage: Connectable conductor cross-section• for AWG cables for auxiliary contactsImage: Connectable conductor cross-section• for AWG cables for auxiliary contactsImage: Connectable conductor cross-section<		arow type terminale
<ul> <li>at contactor for auxiliary contacts</li> <li>of magnet coil</li> <li>Screw-type terminals</li> <li>Screw-type termina</li></ul>		
• of magnet coilScrew-type terminalstype of connectable conductor cross-sections for main contacts2x (1 35 mm²), 1x (1 50 mm²)• solid or stranded2x (1 35 mm²), 1x (1 50 mm²)• finely stranded with core end processing2x (1 25 mm²), 1x (1 35 mm²)connectable conductor cross-section for main contacts1 35 mm²• finely stranded with core end processing1 35 mm²connectable conductor cross-section for auxiliary contacts0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 16), 2x (18 14)AWG number as coded connectable conductor cross2x (20 16), 2x (18 14)		
type of connectable conductor cross-sections for main contacts• solid or stranded2x (1 35 mm²), 1x (1 50 mm²)• finely stranded with core end processing2x (1 35 mm²), 1x (1 35 mm²)connectable conductor cross-section for main contacts1 35 mm²)• finely stranded with core end processing1 35 mm²connectable conductor cross-section for auxiliary contacts0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 16), 2x (18 14)AWG number as coded connectable conductor cross2x (20 16), 2x (18 14)	-	
<ul> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>2x (1 35 mm<sup>2</sup>), 1x (1 50 mm<sup>2</sup>)</li> <li>connectable conductor cross-section for main contacts</li> <li>finely stranded with core end processing</li> <li>1 35 mm<sup>2</sup></li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> <li>o.5 2.5 mm<sup>2</sup></li> <li>finely stranded with core end processing</li> <li>o.5 2.5 mm<sup>2</sup></li> <li>finely stranded with core end processing</li> <li>o.5 2.5 mm<sup>2</sup></li> <li>for auxiliary contacts</li> <li>for auxiliary contacts</li> <li>a solid or stranded</li> <li>connectable conductor cross-sections</li> <li>for auxiliary contacts</li> <li>a solid or stranded</li> <li>connectable conductor cross-sections</li> <li>a for auxiliary contacts</li> <li>a solid or stranded</li> <li>b for auxiliary contacts</li> <li>a solid or stranded</li> <li>conductor cross - sections</li> <li>a for auxiliary contacts</li> <li>b for AWG cables for auxiliary contacts</li> <li>con AWG number as coded connectable conductor cross section</li> </ul>		
• finely stranded with core end processing $2x (1 \dots 25 \text{ mm}^2), 1x (1 \dots 35 \text{ mm}^2)$ connectable conductor cross-section for main contacts $1 \dots 35 \text{ mm}^2$ • finely stranded with core end processing $1 \dots 35 \text{ mm}^2$ connectable conductor cross-section for auxiliary contacts $0.5 \dots 2.5 \text{ mm}^2$ • solid or stranded $0.5 \dots 2.5 \text{ mm}^2$ • finely stranded with core end processing $0.5 \dots 2.5 \text{ mm}^2$ • for auxiliary contacts $0.5 \dots 2.5 \text{ mm}^2$ • for auxiliary contacts $2x (0.5 \dots 1.5 \text{ mm}^2), 2x (0.75 \dots 2.5 \text{ mm}^2)$ - solid or stranded $2x (0.5 \dots 1.5 \text{ mm}^2), 2x (0.75 \dots 2.5 \text{ mm}^2)$ • for AWG cables for auxiliary contacts $2x (20 \dots 16), 2x (18 \dots 14)$ AWG number as coded connectable conductor cross $2x (20 \dots 16), 2x (18 \dots 14)$		$(1 \ 35 \text{ mm}^2) \ 1x \ (1 \ 50 \text{ mm}^2)$
connectable conductor cross-section for main contacts         • finely stranded with core end processing         connectable conductor cross-section for auxiliary contacts         • solid or stranded         • finely stranded with core end processing         0.5 2.5 mm²         • finely stranded with core end processing         0.5 2.5 mm²         • finely stranded with core end processing         0.5 2.5 mm²         • for auxiliary contacts         • for auxiliary contacts         - solid or stranded         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         - finely stranded with core end processing         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • for AWG cables for auxiliary contacts         2x (20 1.5 mm²), 2x (0.75 2.5 mm²)         • for AWG cables for auxiliary contacts         2x (20 16), 2x (18 14)		
• finely stranded with core end processing1 35 mm²connectable conductor cross-section for auxiliary contacts0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²type of connectable conductor cross-sections0.5 2.5 mm²• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 16), 2x (18 14)AWG number as coded connectable conductor cross section2x (20 16), 2x (18 14)		
connectable conductor cross-section for auxiliary contacts         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         type of connectable conductor cross-sections       0.5 2.5 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • for AWG cables for auxiliary contacts       2x (20 1.5 mm²), 2x (0.75 2.5 mm²)         • for AWG cables for auxiliary contacts       2x (20 16), 2x (18 14)		35 mm²
<ul> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>0.5 2.5 mm<sup>2</sup></li> <li>0.5 2.5 mm<sup>2</sup></li> <li>type of connectable conductor cross-sections         <ul> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>2x (0.5 1.5 mm<sup>2</sup>), 2x (0.75 2.5 mm<sup>2</sup>)</li> <li>finely stranded with core end processing</li> <li>2x (0.5 1.5 mm<sup>2</sup>), 2x (0.75 2.5 mm<sup>2</sup>)</li> <li>for AWG cables for auxiliary contacts</li> <li>2x (20 16), 2x (18 14)</li> </ul> </li> <li>AWG number as coded connectable conductor cross section</li> </ul>	, , , , , , , , , , , , , , , , , , , ,	
• finely stranded with core end processing         0.5 2.5 mm²           type of connectable conductor cross-sections         • for auxiliary contacts           • for auxiliary contacts         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)           — solid or stranded         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)           • for AWG cables for auxiliary contacts         2x (20 1.5 mm²), 2x (0.75 2.5 mm²)           • for AWG cables for auxiliary contacts         2x (20 16), 2x (18 14)		.5 2.5 mm <sup>2</sup>
type of connectable conductor cross-sections         • for auxiliary contacts         - solid or stranded         - finely stranded with core end processing         • for AWG cables for auxiliary contacts         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • for AWG cables for auxiliary contacts         2x (20 16), 2x (18 14)		
• for auxiliary contacts         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)           - solid or stranded         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)           - finely stranded with core end processing         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)           • for AWG cables for auxiliary contacts         2x (20 16), 2x (18 14)           AWG number as coded connectable conductor cross section         2x (20 16), 2x (18 14)	, , , , , , , , , , , , , , , , , , , ,	
finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • for AWG cables for auxiliary contacts       2x (20 16), 2x (18 14)         AWG number as coded connectable conductor cross section       2x (20 16), 2x (18 14)		x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
for AWG cables for auxiliary contacts     2x (20 16), 2x (18 14)     AWG number as coded connectable conductor cross     section		
AWG number as coded connectable conductor cross section		
• for main contacts 18 1	G number as coded connectable conductor cross	
	• for main contacts 18	81
• for auxiliary contacts 20 14	for auxiliary contacts     20	0 14
Safety related data	/ related data	

product function						
<ul> <li>mirror contact a</li> </ul>	ccording to IEC 60947-4-1	Yes				
<ul> <li>positively driven</li> </ul>	operation according to IEC	60947-5-1 No				
B10 value with high de	emand rate according to SN	31920 1.00	00 000			
proportion of danger	ous failures					
<ul> <li>with low deman</li> </ul>	d rate according to SN 3192	0 40 °	6			
<ul> <li>with high demar</li> </ul>	nd rate according to SN 3192	20 73 9	6			
failure rate [FIT] with lo	ow demand rate according to	SN 31920 100	100 FIT			
	interval or service life accord		1			
61508						
protection class IP o	n the front according to IE	C 60529 IP20	)			
touch protection on t	the front according to IEC	from the front				
suitability for use						
<ul> <li>safety-related system</li> </ul>	Ŭ	Yes				
ertificates/ approvals						
General Product App	proval					
(SP)	<u>Confirmation</u>		(h)	KC	EAC	
EMC	Functional Safety/Safety of Ma- chinery	Declaration of Confo	prmity	Test Certificates		
RCM	<u>Type Examination Cer-</u> <u>tificate</u>	CE EG-Konf.	UK CA	<u>Special Test Certific-</u> <u>ate</u>	<u>Type Test Certific-</u> ates/Test Report	
Marine / Shipping	BUREAU VERITAS		Llovds Register us	PRS	RINA	
Marine / Shipping	other		Railway	Dangerous Good	Environment	
<b>EXAMPS</b>	<u>Confirmation</u>	Confirmation	Vibration and Shock	Transport Information	Environmental Con- firmations	
https://press.siemens.r Siemens is working of Please contact your lo EAC relevant market ( Information on the pa https://support.industry Information- and Dow https://www.siemens.c Industry Mall (Online https://mall.industry.sie Cax online generator http://support.automati Service&Support (Ma https://support.industry Image database (proo http://www.automation Characteristic: Tripp	v.siemens.com/cs/ww/en/viev vnloadcenter (Catalogs, Br com/ic10 ordering system) emens.com/mall/en/en/Catal	siemens-wind-down-ru nt EAC certificates. atus of validity of the E/ AEU member states Ru w/109813875 ochures,) og/product?mlfb=3RT2 rder/default.aspx?lange cteristics, FAQs,) 3RT2036-1AJ60 n drawings, 3D model aspx?mlfb=3RT2036- through current	AC certification if you inten- issia or Belarus). 1036-1AJ60 =en&mlfb=3RT2036-1AJ60 s, device circuit diagram	<u>.</u>	ly these products to an	
Further characteristie	cs (e.g. electrical enduranc		(2023	Subject to c	hange without notic	

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 $\underline{http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2036-1AJ60\&objecttype=14\&gridview=view1$ 





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