## SIEMENS

## Data sheet

## 3RT2026-2EK60



power contactor, AC-3e/AC-3, 25 A, 11 kW / 400 V, 3-pole, 110 V AC, 50 Hz / 120 V, 60 Hz, with plugged-in RC element, auxiliary contacts: 1 NO + 1 NC, spring-loaded terminal, size: S0

product designation         Power contactor           product type designation         3RT2           Ceneral technical data         S0           size of contactor         S0           product extension         No           • function module for communication         No           • auxiliary switch         Yes           power loss [W] for rated value of the current         5.7 W           • at AC in hot operating state per pole         1.9 W           • without load current share typical         2.7 W           insulation voltage         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of main circuit rated value         64V           • of maxiliary circuit rated value         64V           • of auxiliary circuit rated value         64V           • at AC         13.5g / 5 ms, 8.3g / 1		0/2///0
product type designation         3RT2           General technical data	product brand name	SIRIUS
General technical data       size of contactor     S0       product extension     • function module for communication     No       • auxiliary switch     Yes       power loss [W] for rated value of the current     • at AC in hot operating state per pole     1.9 W       • at AC in hot operating state per pole     1.9 W       • 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 with degree of pollution 3 rated value     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 with degree of pollution 3 rated value     690 V       • of main circuit rated value     6 kV       • of auxiliary circuit rated value     6 kV       • of auxiliary circuit rated value     6 kV       • of contactor typical     10.00 V       • of contactor with sine pulse     • at AC       • at AC     13.5g / 5 ms, 8.3g / 10 ms       mechanical service life (operating cycles)     10 000 000       • of the contactor		
size of contactor     \$0       product extension     No       • function module for communication     No       • auxiliary switch     Yes       power loss [W] for rated value of the current     5.7 W       • at AC in hot operating state     5.7 W       • at AC in hot operating state per pole     1.9 W       • without load current share typical     2.7 W       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       • of auxiliary circuit with degree of pollution 3 rated value     64 V       • of auxiliary circuit with degree of pollution 3 rated value     64 V       • of auxiliary circuit rated value     70 V       • of auxiliary circuit rated value     71       shock resistance at rectangular imp		3RT2
product extension       No         • function module for communication       No         • auxiliary switch       Yes         power loss [W] for rated value of the current       -         • at AC in hot operating state       5.7 W         • at AC in hot operating state per pole       1.9 W         • without load current share typical       2.7 W         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       6 kV         • of auxiliary circuit rated value       6 kV         • at AC       8.3g / 5 ms, 5.3g / 10 ms         shock resistance at rectangular impulse       10 000 000         • at AC       13.5g / 5 ms, 8.3g / 10 ms         mechanical service life (operating cycles)       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch		
• function module for communication         No           • auxiliary switch         Yes           power loss [W] for rated value of the current         5.7 W           • at AC in hot operating state per pole         1.9 W           • without load current share typical         2.7 W           insultation 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 auxiliary circuit with degree of pollution 3 rated value         6 kV           • of auxiliary circuit with degree of pollution 3 rated value         6 kV           • of auxiliary circuit rated value         10 00 V           • of auxiliary circuit rated value         10 000 000           • of cincaleot rypical         10 000 000		SO
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power loss [M] for rated value of the current <ul> <li>at AC in hot operating state</li> <li>at AC in hot operating state per pole</li> <li>19 W</li> <li>without load current share typical</li> <li>2.7 W</li> </ul> <li>insulation voltage         <ul> <li>of main circuit with degree of pollution 3 rated value</li> <li>690 V</li> <li>690 V</li> <li>690 V</li> <li>690 V</li> <li>e of main circuit with degree of pollution 3 rated value</li> <li>690 V</li> <li>e of main circuit rated value</li> <li>690 V</li> <li>e of main circuit rated value</li> <li>6 KV</li> <li>of auxiliary circuit with degree of pollution s rated value</li> <li>6 KV</li> <li>e of main circuit rated value</li> <li>6 KV</li> <li>e of main circuit rated value</li> <li>6 KV</li> <li>e of auxiliary circuit with degree of pollevitor separation between coil and main contacts according to EN 60947-1</li> <li>shock resistance at rectangular impulse</li> <li>e at AC</li> <li>8,3g / 5 ms, 5,3g / 10 ms</li> </ul> </li> <li>shock resistance with sine pulse         <ul> <li>e at AC</li> <li>13,5g / 5 ms, 8,3g / 10 ms</li> <li>mechanical service life (operating cycles)</li> <li>e of contactor with added electronically optimized auxiliary switch block typical</li> <li>10 000 000</li> </ul> </li> <li>reference code according to EC 81346-2</li> <li>Q</li> <li>Subtance name</li> <li>Biei - 7439-92-1</li> <li>Ambient conditions altrude at height above sea level maximum</li> <li>2000 m</li>		
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insulation voltage90• 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 value6 kV• of auxiliary circuit rated value8.3g / 5 ms, 5.3g / 10 msshock resistance with sine pulse3.3g / 5 ms, 8.3g / 10 ms• at AC13,5g / 5 ms, 8,3g / 10 ms• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical100/1/2009• of the contactor with added auxiliary switch block typical10/0/1/2009• of the contactor with added auxiliary switch block typical10/0/1/2009• of the contactor with added auxiliary switch block typical10/0/1/2009• S	<ul> <li>at AC in hot operating state per pole</li> </ul>	1.9 W
• 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 value6 kV• of auxiliary circuit rated value6 kV• of auxiliary circuit rated value6 kVmaximum permissible voltage for protective separation between coll and main contacts according to EN 80947-1400 Vshock resistance at rectangular impulse • at AC8,3g / 5 ms, 5,3g / 10 msshock resistance with sine pulse • at AC13,5g / 5 ms, 8,3g / 10 msmechanical service life (operating cycles)10 000 000• of the contactor typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical2 000 mmethenceElei - 7439-92-1Am	<ul> <li>without load current share typical</li> </ul>	2.7 W
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surge voltage resistance       6 kV         • of main 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       8,3g / 5 ms, 5,3g / 10 ms         • at AC       8,3g / 5 ms, 5,3g / 10 ms         shock resistance with sine pulse       00 000         • at AC       13,5g / 5 ms, 8,3g / 10 ms         mechanical service life (operating cycles)       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Blei - 7439-92-1         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m	<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
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maximum permissible voltage for protective separation between       400 V         shock resistance at rectangular impulse       400 V         • at AC       8,3g / 5 ms, 5,3g / 10 ms         shock resistance with sine pulse       8,3g / 5 ms, 8,3g / 10 ms         • at AC       13,5g / 5 ms, 8,3g / 10 ms         mechanical service life (operating cycles)       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • 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//2009         SVHC substance name       Blei - 7439-92-1         Ambient conditions       2 000 m	<ul> <li>of main circuit rated value</li> </ul>	6 kV
coil and main contacts according to EN 60947-1shock resistance at rectangular impulse• at AC8,3g / 5 ms, 5,3g / 10 msshock resistance with sine pulse• at AC13,5g / 5 ms, 8,3g / 10 msmechanical service life (operating cycles)• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical2 QSubstance Prohibitance (Date)10/01/2009SVHC substance nameBlei - 7439-92-1Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 m	<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
• at AC8,3g / 5 ms, 5,3g / 10 msshock resistance with sine pulse13,5g / 5 ms, 8,3g / 10 ms• at AC13,5g / 5 ms, 8,3g / 10 msmechanical service life (operating cycles)10 000 000• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical2000 m• of the contactor with added auxiliary switch block typical2000 m• of the contactor with added auxiliary switch block typical2000 m• of the contactor with added auxiliary switch block typical2000 m• of the contactor with added auxiliary switch block typical2000 m• of the contactor with added auxiliary switch block typical2000 m• of the contactor with adde auxiliary switch block typical2000 m• of the contactor with added auxiliary switch block typical2000 m• of the contactor with added auxiliary switch block typical2000 m• of the contactor with added auxiliary switch block typical2000 m• of the contactor with added auxiliary switch block		400 V
shock resistance with sine pulse       13,5g / 5 ms, 8,3g / 10 ms         • at AC       13,5g / 5 ms, 8,3g / 10 ms         mechanical service life (operating cycles)       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       5 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Blei - 7439-92-1         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m	shock resistance at rectangular impulse	
• at AC13,5g / 5 ms, 8,3g / 10 msmechanical service life (operating cycles).• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical000 000• of the contactor with added auxiliary switch block typical000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical0• of the contactor with added auxiliary switch block typical10 000 000• of the contactor block typical10/01/2009• Substance nameBlei - 7439-92-1Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 m	• at AC	8,3g / 5 ms, 5,3g / 10 ms
mechanical service life (operating cycles)       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       5 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Blei - 7439-92-1         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m	shock resistance with sine pulse	
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auxiliary switch block typical     10 000 000       reference code according to IEC 81346-2     Q       Substance Prohibitance (Date)     10/01/2009       SVHC substance name     Blei - 7439-92-1       Ambient conditions     2 000 m       installation altitude at height above sea level maximum     2 000 m	<ul> <li>of contactor typical</li> </ul>	10 000 000
reference code according to IEC 81346-2     Q       Substance Prohibitance (Date)     10/01/2009       SVHC substance name     Blei - 7439-92-1       Ambient conditions     2 000 m       installation altitude at height above sea level maximum     2 000 m		5 000 000
Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Blei - 7439-92-1         Ambient conditions       2 000 m         ambient temperature       2 000 m	<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	10 000 000
SVHC substance name     Blei - 7439-92-1       Ambient conditions     2 000 m       ambient temperature     2 000 m	reference code according to IEC 81346-2	Q
Ambient conditions         installation altitude at height above sea level maximum       2 000 m         ambient temperature       2 000 m	Substance Prohibitance (Date)	10/01/2009
installation altitude at height above sea level maximum     2 000 m       ambient temperature     2 000 m	SVHC substance name	Blei - 7439-92-1
ambient temperature	Ambient conditions	
	installation altitude at height above sea level maximum	2 000 m
• during operation -25 +60 °C	ambient temperature	
	<ul> <li>during operation</li> </ul>	-25 +60 °C
• during storage -55 +80 °C	during storage	-55 +80 °C
relative humidity minimum 10 %	relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 95 % 95 %		95 %
Main circuit	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	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated</li> </ul>	40 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	40 A
— up to 690 V at ambient temperature 60 °C rated value	35 A
• at AC-3	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-3e	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-4 at 400 V rated value	15.5 A
<ul> <li>at AC-5a up to 690 V rated value</li> </ul>	35.2 A
<ul> <li>at AC-5b up to 400 V rated value</li> </ul>	20.7 A
• at AC-6a	
<ul> <li>— up to 230 V for current peak value n=20 rated value</li> </ul>	20.2 A
<ul> <li>— up to 400 V for current peak value n=20 rated value</li> </ul>	20.2 A
<ul> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>	20.2 A
<ul> <li>up to 690 V for current peak value n=20 rated value</li> <li>at AC-6a</li> </ul>	12.9 A
— up to 230 V for current peak value n=30 rated value	13.5 A
— up to 400 V for current peak value n=30 rated value	13.5 A
— up to 500 V for current peak value n=30 rated value	13.5 A
— up to 690 V for current peak value n=30 rated value	13 A
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	9 A
• at 690 V rated value	9 A
operational current	
<ul> <li>at 1 current path at DC-1</li> </ul>	
— at 24 V rated value	35 A
— at 60 V rated value	20 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
<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 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	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	35 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A

• at 1 current path at DC-3 at DC-5	
— at 24 V rated value	20 A
— at 60 V rated value	5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.09 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	35 A
— at 60 V rated value	35 A
— at 110 V rated value	15 A
— at 220 V rated value	3 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	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	10 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
operating power	
at AC-2 at 400 V rated value	11 kW
• at AC-3	
— at 230 V rated value	5.5 kW
— at 400 V rated value	11 kW
— at 500 V rated value	11 kW
— at 690 V rated value	11 kW
• at AC-3e	
— at 230 V rated value	5.5 kW
— at 400 V rated value	11 kW
— at 500 V rated value	11 kW
— at 690 V rated value	11 kW
operating power for approx. 200000 operating cycles at AC-	
4	
• at 400 V rated value	4.4 kW
• at 690 V rated value	7.7 kW
operating apparent power at AC-6a	
• up to 230 V for current peak value n=20 rated value	8 kVA
<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	13.9 kVA
<ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul>	17.4 kVA
<ul> <li>up to 690 V for current peak value n=20 rated value</li> </ul>	15.4 kVA
operating apparent power at AC-6a	
<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	5.3 kVA
<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	9.3 kVA
• up to 500 V for current peak value n=30 rated value	11.6 kVA
• up to 690 V for current peak value n=30 rated value	15.5 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>	375 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	300 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	210 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	144 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	118 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-2 maximum	750 1/h
• at AC-3 maximum	750 1/h
• at AC-3e maximum	750 1/h
• at AC-4 maximum	250 1/h

Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
at 50 Hz rated value	110 V
• at 60 Hz rated value	120 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
design of the surge suppressor	with RC elements
apparent pick-up power of magnet coil at AC	
• at 50 Hz	81 VA
• at 60 Hz	79 VA
inductive power factor with closing power of the coil	0.72
● at 50 Hz ● at 60 Hz	0.72 0.74
apparent holding power of magnet coil at AC	V. / T
• at 50 Hz	10.5 VA
• at 60 Hz	8.5 VA
inductive power factor with the holding power of the coil	
• at 50 Hz	0.25
• at 60 Hz	0.28
closing delay	
• at AC	8 40 ms
opening delay	
• at AC	4 16 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 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	10.4
at 24 V rated value	10 A
<ul> <li>at 48 V rated value</li> <li>at 60 V rated value</li> </ul>	6 A 6 A
at 60 V rated value     at 110 V rated value	3A
at 125 V rated value	2 A
at 220 V rated value	1A
at 220 V rated value     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	1 A
• 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	
<ul> <li>at 480 V rated value</li> </ul>	21 A
<ul><li>at 480 V rated value</li><li>at 600 V rated value</li></ul>	21 A 22 A

• for single-phase AC motor			
- at 110/120 V rated value	2 hp		
— at 230 V rated value	3 hp		
• for 3-phase AC motor			
- at 200/208 V rated value	5 hn		
- at 220/230 V rated value	5 hp		
— at 460/480 V rated value	7.5 hp		
— at 575/600 V rated value	15 hp		
contact rating of auxiliary contacts according to UL	20 hp		
Short-circuit protection	A600 / P600		
design of the fuse link			
for short-circuit protection of the main circuit			
- with type of coordination 1 required	gG: 100 A (690 V, 100 kA), aM: 50 A (690 V, 100 kA), BS88: 100 A (415 V, 80 kA)		
— with type of assignment 2 required	gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)		
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	gG: 10 A (500 V, 1 kA)		
Installation/ mounting/ dimensions			
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface		
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715		
<ul> <li>side-by-side mounting</li> </ul>	Yes		
height	102 mm		
width	45 mm		
depth	97 mm		
required spacing			
<ul> <li>with side-by-side mounting</li> </ul>			
— forwards	10 mm		
— upwards	10 mm		
— downwards	10 mm		
— at the side	0 mm		
<ul> <li>for grounded parts</li> </ul>			
— forwards	10 mm		
— upwards	10 mm		
— at the side	6 mm		
— downwards	10 mm		
for live parts			
— forwards	10 mm		
— upwards	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)		
<ul> <li>finely stranded with core end processing</li> </ul>	2x (1 6 mm²)		
<ul> <li>finely stranded without core end processing</li> </ul>	2x (1 6 mm²)		
connectable conductor cross-section for main contacts			
• solid	1 10 mm²		
• stranded	1 10 mm²		
<ul> <li>finely stranded with core end processing</li> </ul>	1 6 mm²		
<ul> <li>finely stranded without core end processing</li> </ul>	1 6 mm²		
connectable conductor cross-section for auxiliary contacts			
solid or stranded	0.5 2.5 mm²		
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 1.5 mm²		
• finely stranded without core end processing	0.5 2.5 mm²		
type of connectable conductor cross-sections			

<ul> <li>for auxiliary containing</li> </ul>	icts					
— solid or stra			2x (0.5 2.5 mm²)			
- finely strand	led with core end processi	ng	2x (0.5 1.5 mm²)			
-		÷	2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> )			
-	<ul> <li>finely stranded without core end processing</li> <li>for AWG cables for auxiliary contacts</li> <li>2x (0.5 2.5 mm<sup>2</sup>)</li> <li>2x (20 14)</li> </ul>					
AWG number as code section	d connectable conducto	r cross				
<ul> <li>for main contacts</li> </ul>			18 8			
<ul> <li>for auxiliary containing</li> </ul>	acts		20 14			
afety related data						
product function						
-	cording to IEC 60947-4-1		Yes			
	mirror contact according to IEC 60947-4-1 Yes tability for use safety-related switching OFF Yes					
	nand rate according to SN	31920	450 000			
proportion of dangero		0.020				
	rate according to SN 3192	20	40 %			
	I rate according to SN 319		73 %			
	v demand rate according t		100 FIT			
	nterval or service life accor		20 a			
61508			200			
protection class IP on	the front according to IE	C 60529	IP20			
•	e front according to IEC	60529	finger-safe, for vertical con	tact from the front		
ertificates/ approvals						
General Product Appr	oval					
	Confirmation		•	KC		
SP.		<b>()</b>	(hr)		EHC	
EMC	Functional Safety/Safety of Ma-	Declaration of C	Conformity	Test Certificates		
	chinery Type Examination Cer- tificate	CE EG-Konf.	UK CA	<u>Special Test Certific-</u> <u>ate</u>	<u>Type Test Certific-</u> ates/Test Report	
Marine / Shipping						
ABS	BUREAU VERITAS		Lloyds Register urs	PRS	RINA	
Marine / Shipping	other			Railway	Environment	
	<u>Confirmation</u>		<u>Confirmation</u>	Vibration and Shock	Environmental Con- firmations	
https://press.siemens.co Siemens is working or Please contact your loca	ther than the sanctioned E	/siemens-wind-dov ent EAC certificat atus of validity of the	es. he EAC certification if you ir	itend to import or offer to supp	ly these products to an	

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2026-2EK60 Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2026-2EK60

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-2EK60

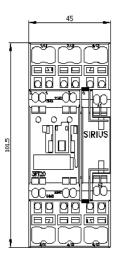
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

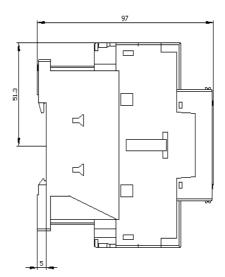
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2 6-2EK60&lang=en

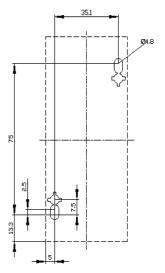
Characteristic: Tripping characteristics, I2t, Let-through current -2EK60/char

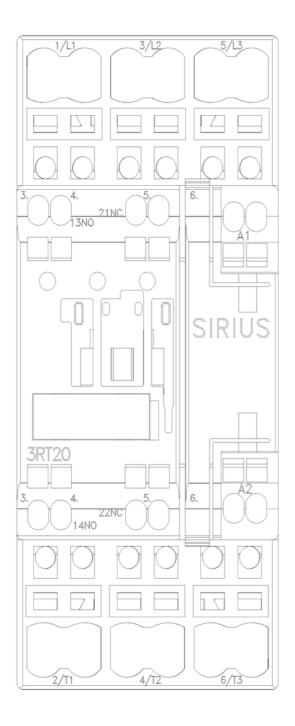
https://support.industry.siemens.com/cs/ww/en/ps/3RT2026

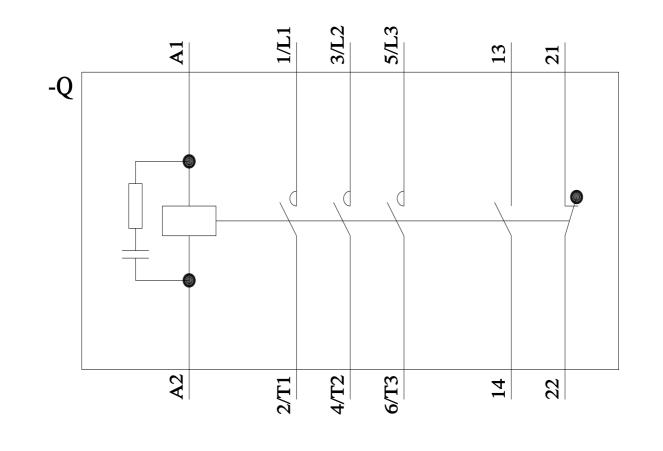
Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2026-2EK60&objecttype=14&gridview=view1











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