## SIEMENS

## Data sheet

## 3RT2337-1AP60



Contactor, AC-1, 110 A/400 V/40  $^\circ C,$  S2, 4-pole, 220 V AC/50 Hz, 240 V/60 Hz, 1 NO+1 NC, screw terminal

product brand name	SIRIUS
product designation	Contactor
product type designation	3RT23
General technical data	
size of contactor	S2
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	
<ul> <li>at AC in hot operating state</li> </ul>	38.8 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	9.7 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 AC	11.8g / 5 ms, 7.4g / 10 ms
shock resistance with sine pulse	
• at AC	18.5g / 5 ms, 11.6g / 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)	10/01/2014
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
<ul> <li>during operation</li> </ul>	-40 +70 °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	

• at AC-1 at 400 V at ambient temperature 40 °C rated value	110 A
<ul> <li>at AC-1         <ul> <li>up to 690 V at ambient temperature 40 °C</li> <li>rated value</li> </ul> </li> </ul>	110 A
— up to 690 V at ambient temperature 60 °C rated value	95 A
● at AC-3	
— at 400 V rated value	38 A
minimum cross-section in main circuit at maximum AC-1 rated value	35 mm²
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
Imited to 60 s switching at zero current maximum	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	700 1/h
Control circuit/ Control	
type of voltage	AC
type of voltage of the control supply voltage	AC
control supply voltage at AC	200.)/
at 50 Hz rated value	220 V
• at 60 Hz rated value     operating range factor control supply voltage rated	240 V
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	1
attachable	2
instantaneous contact	1
number of NO contacts for auxiliary contacts	1
attachable	2
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
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<ul> <li>at 500 V rated value</li> </ul>	2 A
at 690 V rated value	1 A
operational current at DC-12	
<ul> <li>at 24 V rated value</li> </ul>	10 A
<ul> <li>at 48 V rated value</li> </ul>	6 A
<ul> <li>at 60 V rated value</li> </ul>	6 A
<ul> <li>at 110 V rated value</li> </ul>	3 A
<ul> <li>at 125 V rated value</li> </ul>	2 A
<ul> <li>at 220 V rated value</li> </ul>	1 A
<ul> <li>at 600 V rated value</li> </ul>	0.15 A
operational current at DC-13	
<ul> <li>at 24 V rated value</li> </ul>	10 A
<ul> <li>at 48 V rated value</li> </ul>	2 A
<ul> <li>at 110 V rated value</li> </ul>	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
design of the miniature circuit breaker for short-circuit	gG: 10 A (230 V, 400 A)
protection of the auxiliary switch required	go. 1077 (200 V, 10077)
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 / P600
Short-circuit protection	
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: 160 A (690 V, 100 kA)
— with type of assignment 2 required	gR: 80 A (690 V, 100 kA)
<ul> <li>for short-circuit protection of the auxiliary switch</li> </ul>	gG: 10 A (690 V, 1 kA)
required	90. 10 A (030 V, 1 KA)
Installation/ mounting/ dimensions	
Installation/ mounting/ dimensions	+/-180° rotation possible on vertical mounting surface: can be tilted
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
	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail
mounting position fastening method	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
mounting position fastening method • side-by-side mounting	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes
mounting position fastening method • side-by-side mounting height	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm
mounting position fastening method <ul> <li>side-by-side mounting</li> <li>height</li> <li>width</li> </ul>	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm
mounting position fastening method  • side-by-side mounting height width depth	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 0 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — at the side         • for grounded parts         — forwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 0 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — upwards         — upwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — upwards         — at the side         — at the side         — at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm 6 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — upwards         — at the side         — oforwards         — upwards         — other side         — ownwards         — at the side         — upwards         — at the side         — downwards         — at the side         — downwards         — at the side         — downwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — upwards         — at the side         — at the side         — at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm 6 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — upwards         — at the side         — oforwards         — upwards         — other side         — ownwards         — at the side         — upwards         — at the side         — downwards         — at the side         — downwards         — at the side         — downwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm 6 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — forwards         — at the side         • for wards         — upwards         — ownwards         — ownwards         — ownwards         — ownwards         — forwards         — forwards         — forwards         — forwards         — forwards         — ownwards         — for live parts	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — forwards         — at the side         • for grounded parts         — downwards         — at the side         — forwards         — at the side         — forwards         — at the side         — for live parts         — for wards         • for live parts         — forwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — forwards         — at the side         • for grounded parts         — forwards         — at the side         — ownwards         — at the side         — downwards         — at the side         — downwards         • for live parts         — forwards         • for live parts         — upwards         — upwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — forwards         — upwards         — ownwards         — forwards         — upwards         — ownwards         — ownwards         — ownwards         — upwards         — downwards         • for live parts         — forwards         — upwards         — downwards         • for live parts         — downwards         — downwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         - forwards         - upwards         - downwards         - at the side         • for grounded parts         - forwards         - at the side         - downwards         - for live parts         - forwards         - upwards         - at the side         - downwards         - at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         - forwards         - upwards         - downwards         - at the side         • for grounded parts         - forwards         - at the side         • for grounded parts         - forwards         - at the side         - forwards         - at the side         - downwards         • for live parts         - forwards         - upwards         - at the side         - downwards         - at the side         - downwards         - at the side         - at the side         - downwards         - at the side         - at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         — forwards         — upwards         — downwards         — at the side         • for grounded parts         — forwards         — upwards         — at the side         • for live parts         — forwards         — upwards         — at the side         — downwards         • for live parts         — forwards         — upwards         — at the side         — downwards         — at the side         Mountaries         — at the side         Mountaries         — at the side         Mountaries         — wounds         — at the side         Mountaries         — at the side         Mountaries      <	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm
mounting position         fastening method         • side-by-side mounting         height         width         depth         required spacing         • with side-by-side mounting         - forwards         - upwards         - downwards         - at the side         • for grounded parts         - forwards         - upwards         - at the side         - forwards         - upwards         - at the side         - forwards         - at the side         - downwards         • for live parts         - forwards         - upwards         - at the side         Ownwards         - at the side         - downwards         - at the side         - of electrical connection         • for main current circuit	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 114 mm 75 mm 130 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm

• of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       • for main contacts         - solid or stranded       2x (1 35 mm²), 1x (1 50 mm²)         - finely stranded with core end processing       2x (1 25 mm²), 1x (1 35 mm²)         • at AWG cables for main contacts       2x (1 8 2), 1x (1 8 1)         connectable conductor cross-section for main contacts       2x (1 8 2), 1x (18 1)         connectable conductor cross-section for main contacts       1 50 mm²         • solid or stranded       1 50 mm²         • finely stranded with core end processing       1 35 mm²         connectable conductor cross-section for auxiliary contacts       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²	
<ul> <li>for main contacts         <ul> <li>for main contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>at AWG cables for main contacts</li> <li>at at a stranded with core end processing</li> <li>at at a stranded with core end processing</li> <li>at a stranded with core end processing</li> <li>at a stranded with core end processing</li> <li>at a stranded without core end processing</li> <li>at a stranded with core end processing</li> <li>at a stranded wi</li></ul></li></ul>	
solid or stranded2x (1 35 mm²), 1x (1 50 mm²) finely stranded with core end processing2x (1 25 mm²), 1x (1 35 mm²)• at AWG cables for main contacts2x (1 25 mm²), 1x (1 35 mm²)• at AWG cables for main contacts2x (1 25 mm²), 1x (1 35 mm²)• ornectable conductor cross-section for main contacts1 50 mm²• solid or stranded1 50 mm²• finely stranded with core end processing1 35 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• solid or stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²	
— finely stranded with core end processing • at AWG cables for main contacts $2x (1 25 mm^2), 1x (1 35 mm^2)$ $2x (18 2), 1x (18 1)$ connectable conductor cross-section for main contacts $2x (18 2), 1x (18 1)$ • solid or stranded $1 50 mm^2$ • finely stranded with core end processing $1 35 mm^2$ connectable conductor cross-section for auxiliary contacts $0.5 2.5 mm^2$ • solid or stranded $0.5 2.5 mm^2$ • finely stranded with core end processing $0.5 2.5 mm^2$ • finely stranded with core end processing $0.5 2.5 mm^2$ • finely stranded with core end processing $0.5 2.5 mm^2$ • finely stranded with core end processing $0.5 2.5 mm^2$ • finely stranded with core end processing $0.5 2.5 mm^2$ • finely stranded with core end processing $0.5 2.5 mm^2$ • finely stranded without core end processing $0.5 2.5 mm^2$ • finely stranded without core end processing $0.5 2.5 mm^2$ • finely stranded without core end processing $0.5 2.5 mm^2$ • finely stranded without core end processing $0.5 2.5 mm^2$	
• at AWG cables for main contacts       2x (18 2), 1x (18 1)         connectable conductor cross-section for main contacts       1 50 mm²         • solid or stranded       1 50 mm²         • finely stranded with core end processing       1 35 mm²         connectable conductor cross-section for auxiliary contacts       0.5 2.5 mm²         • 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       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²	
connectable conductor cross-section for main contacts       1 50 mm²         • solid or stranded       1 50 mm²         • finely stranded with core end processing       1 35 mm²         connectable conductor cross-section for auxiliary contacts       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²	
contacts       1 50 mm²         • finely stranded with core end processing       1 35 mm²         connectable conductor cross-section for auxiliary contacts       0.5 2.5 mm²         • 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 without core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²	
• finely stranded with core end processing       1 35 mm²         connectable conductor cross-section for auxiliary contacts       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²	
connectable conductor cross-section for auxiliary contacts       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         type of connectable conductor cross-sections       0.5 2.5 mm²	
contacts       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         type of connectable conductor cross-sections       0.5 2.5 mm²	
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>0.5 2.5 mm<sup>2</sup></li> <li>0.5 2.5 mm<sup>2</sup></li> </ul>	
finely stranded without core end processing     0.5 2.5 mm <sup>2</sup>	
type of connectable conductor cross-sections	
type of connectable conductor cross-sections	
5	
— solid 2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )	
- solid or stranded 2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )	
-  finely stranded with core end processing 2x (0.5 1.5 mm2), 2x (0.75 2.5 mm2)	
• at AWG cables for auxiliary contacts $2x (20 16), 2x (18 14)$	
AWG number as coded connectable conductor cross section	
• for main contacts 18 1	
• for auxiliary contacts 20 14	
Safety related data	
product function	
mirror contact according to IEC 60947-4-1 Yes	
positively driven operation according to IEC 60947- 5-1 No	
T1 value for proof test interval or service life according to       20 y         IEC 61508       20 y	
protection class IP on the front according to IEC     IP20       60529     IP20	
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front	
Communication/ Protocol	
product function bus communication No	
Certificates/ approvals	
General Product Approval	
	ſ
Functional	
EMC Safety/Safety of Declaration of Conformity Test Certificates Machinery	
Image: Type Examination     Certificate     Image: Certificate     Image: Special Test Certificate     Special Test Certificate       RCM     Certificate	<u> Sertific-</u>



<u>tion</u>

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=3RT2337-1AP60

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2337-1AP60

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2337-1AP60

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

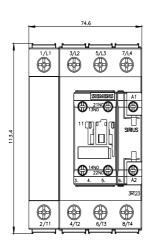
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2337-1AP60&lang=en

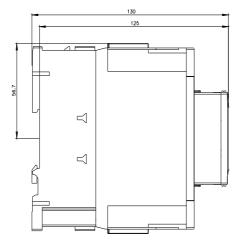
Characteristic: Tripping characteristics, I2t, Let-through current

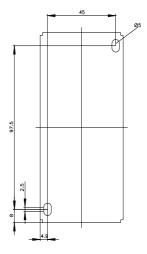
https://support.industry.siemens.com/cs/ww/en/ps/3RT2337-1AP60/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2337-1AP60&objecttype=14&gridview=view1







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