## SIEMENS

## Data sheet

## 3RT2316-2AP00



Contactor, AC-1, 18 A/400 V/40  $^\circ\text{C},$  S00, 4-pole, 230 V AC, 50/60 Hz, Spring-type terminal

product brand name	SIRIUS
product designation	Contactor
product type designation	3RT23
General technical data	
size of contactor	S00
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>	4.4 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	1.1 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	6,7g / 5 ms, 4,2g / 10 ms
shock resistance with sine pulse	
• at AC	10,5g / 5 ms, 6,6g / 10 ms
mechanical service life (switching cycles)	
<ul> <li>of contactor typical</li> </ul>	30 000 000
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
<ul> <li>during operation</li> </ul>	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
Main circuit	
number of poles for main current circuit	4
number of NO contacts for main contacts	4
operational current	

at AC-1 at 400 V at ambient temperature 40 °C rated value	18 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>	18 A
— up to 690 V at ambient temperature 60 °C rated value	16 A
• at AC-3	
— at 400 V rated value	9 A
• at AC-4 at 400 V rated value	8.5 A
minimum cross-section in main circuit at maximum AC-1 rated value	2.5 mm <sup>2</sup>
operating power	
• at AC-3 at 400 V rated value	4 kW
at AC-4 at 400 V rated value	4 kW
short-time withstand current in cold operating state up to 40 °C	
<ul> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 5 a quitching 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> <li>limited to 10 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 50 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at AC	10 000 1/h
operating frequency at AC-1 maximum	1 000 1/h
Control circuit/ Control	
type of voltage	AC
type of voltage of the control supply voltage	AC
control supply voltage at AC	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 V
operating range factor control supply voltage rated	
value of magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.85 1.1
apparent pick-up power of magnet coil at AC	
• at 50 Hz	27 VA
• at 50 Hz • at 60 Hz	27 VA 24.3 VA
at 50 Hz     at 60 Hz  inductive power factor with closing power of the coil	24.3 VA
<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> </ul>	24.3 VA 0.8
<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul>	24.3 VA
<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>apparent holding power of magnet coil at AC</li> </ul>	24.3 VA 0.8 0.75
<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>apparent holding power of magnet coil at AC</li> <li>at 50 Hz</li> </ul>	24.3 VA 0.8 0.75 4.2 VA
<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>apparent holding power of magnet coil at AC</li> </ul>	24.3 VA 0.8 0.75
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<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>at 60 Hz</li> <li>at 50 Hz</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>at 50 Hz</li> <li>at 50 Hz</li> <li>at 50 Hz</li> </ul>	24.3 VA 0.8 0.75 4.2 VA 3.3 VA 0.25
<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul> apparent holding power of magnet coil at AC <ul> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul> inductive power factor with the holding power of the coil <ul> <li>at 50 Hz</li> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul>	24.3 VA 0.8 0.75 4.2 VA 3.3 VA
<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul> apparent holding power of magnet coil at AC <ul> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul> inductive power factor with the holding power of the coil <ul> <li>at 60 Hz</li> </ul> inductive power factor with the holding power of the coil <ul> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul>	24.3 VA 0.8 0.75 4.2 VA 3.3 VA 0.25 0.25
<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>apparent holding power of magnet coil at AC</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with the holding power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with the holding power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul>	24.3 VA 0.8 0.75 4.2 VA 3.3 VA 0.25
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<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>apparent holding power of magnet coil at AC</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with the holding power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with the holding power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>at 60</li></ul>	24.3 VA 0.8 0.75 4.2 VA 3.3 VA 0.25 0.25 9 35 ms 7 13 ms
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<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul> apparent holding power of magnet coil at AC <ul> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul> inductive power factor with the holding power of the coil <ul> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul> inductive power factor with the holding power of the coil <ul> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul> inductive power factor with the holding power of the coil <ul> <li>at 60 Hz</li> <li>closing delay</li> <li>at AC</li> </ul> opening delay <ul> <li>at AC</li> </ul> arcing time <ul> <li>control version of the switch operating mechanism</li> </ul>	24.3 VA 0.8 0.75 4.2 VA 3.3 VA 0.25 0.25 9 35 ms 7 13 ms
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<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul> apparent holding power of magnet coil at AC <ul> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul> inductive power factor with the holding power of the coil <ul> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul> inductive power factor with the holding power of the coil <ul> <li>at 50 Hz</li> <li>at 60 Hz</li> </ul> inductive power factor with the holding power of the coil <ul> <li>at 60 Hz</li> <li>closing delay</li> <li>at AC</li> </ul> opening delay <ul> <li>at AC</li> </ul> arcing time <ul> <li>control version of the switch operating mechanism</li> </ul> Auxiliary circuit <ul> <li>number of NC contacts for auxiliary contacts</li> <li>attachable</li> </ul>	24.3 VA 0.8 0.75 4.2 VA 3.3 VA 0.25 0.25 9 35 ms 7 13 ms 10 15 ms
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destruct of the force link					
design of the fuse link					
• for short-circuit protection of the main circuit					
— with type of coordination 1 required	gG: 35 A (690 V, 100 kA)				
<ul> <li>— with type of assignment 2 required</li> </ul>	gG: 20 A (690 V, 100 kA)				
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	gG: 10 A (690 V, 1 kA)				
Installation/ mounting/ dimensions					
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted				
mounting position	forward and backward by +/- 22.5° on vertical mounting surface				
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715				
<ul> <li>side-by-side mounting</li> </ul>	Yes				
height	70 mm				
width	45 mm				
depth	73 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				
<ul> <li>for auxiliary and control circuit</li> </ul>	spring-loaded terminals				
<ul> <li>at contactor for auxiliary contacts</li> </ul>	Spring-type terminals				
<ul> <li>of magnet coil</li> </ul>	Spring-type terminals				
type of connectable conductor cross-sections					
for main contacts					
- solid					
	$2x (0.5 - 4 \text{ mm}^2)$				
— solid or stranded	$2x (0.5 \dots 4 \text{ mm}^2)$ $2x (0.5 \dots 4 \text{ mm}^2)$				
<ul> <li>— solid or stranded</li> <li>finally stranded with core and processing</li> </ul>	2x (0,5 4 mm²)				
- finely stranded with core end processing	2x (0,5 4 mm²) 2x (0.5 2.5 mm²)				
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> )				
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables for main contacts</li> </ul>	2x (0,5 4 mm²) 2x (0.5 2.5 mm²)				
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> )				
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables for main contacts</li> <li>connectable conductor cross-section for main</li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> )				
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables for main contacts</li> <li>connectable conductor cross-section for main contacts</li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 16), 2x (18 14), 2x 12 0.5 4 mm <sup>2</sup>				
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables for main contacts</li> </ul> connectable conductor cross-section for main contacts <ul> <li>solid</li> <li>solid</li> <li>solid or stranded</li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 16), 2x (18 14), 2x 12 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup>				
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<ul> <li>finely stranded with core end processing         <ul> <li>finely stranded without core end processing</li> <li>at AWG cables for main contacts</li> </ul> </li> <li>connectable conductor cross-section for main contacts         <ul> <li>solid</li> <li>solid or stranded</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> </ul> </li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 16), 2x (18 14), 2x 12 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup>				
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables for main contacts</li> <li>connectable conductor cross-section for main contacts</li> <li>solid</li> <li>solid or stranded</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary</li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 16), 2x (18 14), 2x 12 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup>				
<ul> <li>finely stranded with core end processing         <ul> <li>finely stranded without core end processing</li> <li>at AWG cables for main contacts</li> </ul> </li> <li>connectable conductor cross-section for main contacts         <ul> <li>solid</li> <li>solid or stranded</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> </ul> </li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 16), 2x (18 14), 2x 12 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup>				
<ul> <li>finely stranded with core end processing         <ul> <li>finely stranded without core end processing</li> <li>at AWG cables for main contacts</li> </ul> </li> <li>connectable conductor cross-section for main contacts         <ul> <li>solid</li> <li>solid or stranded</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> </ul> </li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 16), 2x (18 14), 2x 12 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup>				
<ul> <li>finely stranded with core end processing         <ul> <li>finely stranded without core end processing</li> <li>at AWG cables for main contacts</li> </ul> </li> <li>connectable conductor cross-section for main contacts         <ul> <li>solid</li> <li>solid or stranded</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul> </li> <li>connectable conductor cross-section for auxiliary contacts         <ul> <li>solid or stranded</li> </ul> </li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 16), 2x (18 14), 2x 12 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup>				
<ul> <li>finely stranded with core end processing         <ul> <li>finely stranded without core end processing</li> <li>at AWG cables for main contacts</li> </ul> </li> <li>connectable conductor cross-section for main contacts         <ul> <li>solid</li> <li>solid or stranded</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul> </li> <li>connectable conductor cross-section for auxiliary contacts         <ul> <li>solid or stranded</li> <li>finely stranded with core end processing</li> </ul> </li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 16), 2x (18 14), 2x 12 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup>				
<ul> <li>finely stranded with core end processing         <ul> <li>finely stranded without core end processing</li> <li>at AWG cables for main contacts</li> </ul> </li> <li>connectable conductor cross-section for main contacts         <ul> <li>solid</li> <li>solid or stranded</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul> </li> <li>solid or stranded</li> <li>finely stranded without core end processing</li> <li>solid or stranded</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 16), 2x (18 14), 2x 12 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup>				
<ul> <li>finely stranded with core end processing         <ul> <li>finely stranded without core end processing</li> <li>at AWG cables for main contacts</li> </ul> </li> <li>connectable conductor cross-section for main contacts         <ul> <li>solid</li> <li>solid or stranded</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> </ul> </li> <li>solid or stranded</li> <li>finely stranded without core end processing</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>for auxiliary contacts</li> </ul>	2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 16), 2x (18 14), 2x 12 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup>				

	nded without core end p for auxiliary contacts	rocessing		).5 2.5 mm²) 20 16), 2x (18 14), 2	Ox 12		
	led connectable cond	uctor cross	27 (2	20 10), 2x (10 14), 2			
section							
<ul> <li>for main contacts</li> </ul>		20					
<ul> <li>for auxiliary contacts</li> </ul>		20	. 12				
Safety related data							
product function							
mirror contact according to IEC 60947-4-1		Yes; with 3RH29					
T1 value for proof test interval or service life according to IEC 61508		20 у					
protection class IP on the front according to IEC 60529		IP20					
	touch protection on the front according to IEC 60529		finger-safe, for vertical contact from the front				
Communication/ Prote					_		
product function bu			No				
Certificates/ approval	S						
General Product Ap	proval					EMC	
(SP)		<u>Confirmatic</u>	<u>on</u>	(U) UL	EHC	RCM	
Functional Safety/Safety of Machinery	Declaration of Conf	ormity		Test Certificates		Marine / Shipping	
<u>Type Examination</u> <u>Certificate</u>	CE EG-Konf.	UK CA		Special Test Certific- ate	<u>Type Test Certific-</u> ates/Test Report	ABS	
Marine / Shipping							
BUREAU		Hoyds Register urs		PRS	RINA	RMRS	
other							
Environmental Con- firmations	<u>Confirmation</u>	DE	•				
Further information							
	wnloadcenter (Catalo	as. Brochures	)				
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=3RT2316-2AP00							
Cax online generator <u>http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3RT2316-2AP00</u> Service Support (Manuels, Cartificates, Characteristics, EAOs, )							
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RT2316-2AP00							

https://support.industry.siemens.com/cs/ww/en/ps/3RT2316-2AP00 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2316-2AP00&lang=en

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2316-2AP00/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2316-2AP00&objecttype=14&gridview=view1

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