SIEMENS

Data sheet

3RT2028-1AV00



CONTACTOR, AC-3, 18.5KW/400V, 1NO+1NC, AC 400V 50HZ, 3-POLE, SZ S0 SCREW TERMINAL

and the second s	_			
product brand name	_	SIRIUS		
Product designation		3RT2 contactor		
General technical data:				
Insulation voltage				
Rated value	V	690		
Degree of pollution		3		
Surge voltage resistance Rated value	kV	6		
Mechanical service life (switching cycles)				
 of the contactor typical 		10 000 000		
 of the contactor with added electronics- 		5 000 000		
compatible auxiliary switch block typical				
 of the contactor with added auxiliary switch 		10 000 000		
block typical				
Thermal short-time current restricted to 10 s	А	304		
Protection class IP				
• on the front		IP20		
• of the terminal		IP20		
Equipment marking				
• acc. to DIN EN 61346-2		Q		
• acc. to DIN EN 81346-2		Q		
Main circuit:				
Number of poles for main current circuit		3		
Number of NC contacts for main contacts		0		
Number of NO contacts for main contacts		3		
Operating voltage				

 at AC-3 Rated value maximum 	V	690
Operating current		
• at AC-1		
— at 400 V at ambient temperature 40 °C	А	50
Rated value		
— up to 690 V at ambient temperature 40 $^\circ C$	А	50
Rated value		
— up to 690 V at ambient temperature 60 °C Rated value	A	42
• at AC-2 at 400 V Rated value	А	38
● at AC-3		
— at 400 V Rated value	А	38
— at 500 V Rated value	А	32
— at 690 V Rated value	А	21
• at AC-4 at 400 V Rated value	А	22
Operating current with 1 current path		
● at DC-1		
— at 24 V Rated value	А	35
— at 110 V Rated value	А	4.5
— at 220 V Rated value	А	1
— at 440 V Rated value	А	0.4
— at 600 V Rated value	А	0.25
● at DC-3 at DC-5		
— at 24 V Rated value	А	20
— at 110 V Rated value	А	2.5
— at 220 V Rated value	А	1
— at 440 V Rated value	А	0.09
— at 600 V Rated value	А	0.06
Operating current with 2 current paths in series		
● at DC-1		
— at 24 V Rated value	А	35
— at 110 V Rated value	А	35
— at 220 V Rated value	А	5
— at 440 V Rated value	А	1
— at 600 V Rated value	А	0.8
• at DC-3 at DC-5		
— at 110 V Rated value	А	15
— at 220 V Rated value	А	3
— at 24 V Rated value	А	35
— at 440 V Rated value	А	0.27
— at 600 V Rated value	А	0.16
Operating current with 3 current paths in series		

• at DC-1 -			
- at 110 V Rated value A 35 - at 220 V Rated value A 35 - at 400 V Rated value A 2.9 - at 600 V Rated value A 14 • at DC-3 at DC-5 - - - at 110 V Rated value A 35 - at 220 V Rated value A 10 - at 240 V Rated value A 35 - at 200 V Rated value A 0.6 Operating power - - • at AC-1 at 400 V Rated value KW 18.5 • at AC-1 at 400 V Rated value KW 18.5 • at AC-1 at 400 V Rated value KW 18.5 • at AC-1 - - - at 230 V at 60 "C Rated value KW 16 - at 230 V at 60 "C Rated value KW 16 - at 600 V Rated value KW 18.5 - at 600 V Rated value </td <td>• at DC-1</td> <td></td> <td></td>	• at DC-1		
	— at 24 V Rated value	А	35
- at 440 V Rated value A 2.9 - at 600 V Rated value A 1.4 • at DC-3 at DC-5 - - at 110 V Rated value A 35 - at 20 V Rated value A 0 - at 20 V Rated value A 0.6 - at 20 V Rated value A 0.6 - at 600 V Rated value A 0.6 - at 600 V Rated value KW 28 • at AC-2 at 400 V Rated value KW 18.5 • at AC-2 at 400 V Rated value KW 18.5 • at AC-4 at 400 V Rated value KW 11 Operating power KW 15.5 - at 230 V Rated value KW 15.5 - at 690 V at 60 °C Rated value KW 16 - at 400 V Rated value KW 16 - at 690 V Rated value KW 18.5 - at 690 V Rated value	— at 110 V Rated value	А	35
	— at 220 V Rated value	А	35
et DC-3 at DC-5I- at 110 V Rated valueA35- at 220 V Rated valueA10- at 220 V Rated valueA35- at 440 V Rated valueA0.6- at 600 V Rated valueA0.6- at 600 V Rated valueKW28- at AC-1 at 400 V Rated valueKW18.5- at AC-2 at 400 V Rated valueKW11Operating power at 230 V Rated valueKW15.5- at 230 V Rated valueKW16- at 230 V Rated valueKW16- at 400 V rated valueKW16- at 230 V Rated valueKW17.5- at 690 V Rated valueKW48- at 400 V rated valueKW11- at 400 V rated valueKW18.5- at 230 V Rated valueKW11- at 400 V rated valueKW11- at 400 V rated valueKW18.5- at 690 V Rated valueKW18.5- at 690 V Rated valueKW18.5- at 690 V Rated valueKW10.3Operating power for > 20000 operating cycles at AC-3 at 690 V Rated valueKW10.3Operating power for > 20000 operating cycles at AC-3 at 690 V Rated valueKW10.3Operating range factor control supply voltageACControl circuit/ ControlType of voltage of the control supply voltageACControl circuit/ Control-	— at 440 V Rated value	А	2.9
- at 110 V Rated valueA35- at 220 V Rated valueA35- at 24 V Rated valueA0.6- at 600 V Rated valueA0.6Operating power at AC-1 at 400 V Rated valueKW28- at AC-2 at 400 V Rated valueKW18.5- at AC-2 at 400 V Rated valueKW11Operating power at 230 V at 60 °C Rated valueKW15.5- at 230 V Rated valueKW15.5- at 230 V Rated valueKW16- at 400 V Rated valueKW16- at 400 V Rated valueKW18.5- at 230 V Rated valueKW18.5- at 230 V Rated valueKW11- at 690 V Rated valueKW11- at 690 V Rated valueKW18.5- at 400 V Rated valueKW18.5- at 400 V Rated valueKW18.5- at 690 V Rated valueKW10.3Operating power for > 200000 operating cycles at AC-3 at 400 V Rated valueKW6- at 690 V Rated valueKW6- at 690 V Rated valueKW10.3Operating requency at 600 V Rated valueKW6- at 600 V Rated valueKW6- at 600 V Rated valueKW6	— at 600 V Rated value	А	1.4
- at 220 V Rated valueA10- at 24 V Rated valueA35- at 440 V Rated valueA0.6- at 600 V Rated valueA0.6- at 600 V Rated valueKW28- at AC-1 at 400 V Rated valueKW18.5- at AC-2 at 400 V Rated valueKW11Operating power	• at DC-3 at DC-5		
	— at 110 V Rated value	А	35
at 440 V Rated valueA0.6 at 600 V Rated valueA0.6Operating power at AC-1 at 400 V Rated valueKW28- at AC-2 at 400 V Rated valueKW18.5- at AC-4 at 400 V Rated valueKW11Operating power at 230 V at 60 °C Rated valueKW15.5- at 230 V Rated valueKW16- at 230 V Rated valueKW15.5- at 230 V Rated valueKW47.5- at 690 V at 60 °C Rated valueKW48- at 400 V Rated valueKW11- at 690 V Rated valueKW18.5- at 690 V Rated valueKW18.5- at 690 V Rated valueKW18.5- at 400 V Rated valueKW18.5- at 400 V Rated valueKW10.3Operating power for 2 20000 operating cycles at AC-3	— at 220 V Rated value	А	10
- at 600 V Rated valueA0.6Operating power-• at AC-1 at 400 V Rated valuekW28• at AC-2 at 400 V Rated valuekW18.5• at AC-4 at 400 V Rated valuekW11Operating power• at AC-1• at AC-1• at AC-1• at 230 V at 60 °C Rated valuekW15.5- at 230 V Rated valuekW16- at 230 V Rated valuekW27.5- at 690 V Rated valuekW48• at AC-3 at 690 V Rated valuekW11- at 690 V Rated valuekW18.5- at 230 V Rated valuekW18.5- at 690 V Rated valuekW18.5- at 690 V Rated valuekW10.3- at 690 V Rated valuekW10.3- at 690 V Rated valuekW10.3- at 690 V Rated valuekW6- at 690 V Rated valuekW10.3- at 690 V Rated valuekW6- at 690 V Rated valuekW10.3- at 690 V Rated valuekW6- at 690 V Rated value	— at 24 V Rated value	А	35
Operating powerKW28• at AC-1 at 400 V Rated valuekW18.5• at AC-2 at 400 V Rated valuekW18.5• at AC-4 at 400 V Rated valuekW11Operating power	— at 440 V Rated value	А	0.6
• at AC-1 at 400 V Rated valueKW28• at AC-2 at 400 V Rated valueKW18.5• at AC-4 at 400 V Rated valueKW11Operating power• at AC-1 at 230 V Rated valueKW15.5- at 230 V Rated valueKW16- at 400 V Rated valueKW27.5- at 690 V Rated valueKW47.5- at 690 V Rated valueKW48• at AC-3 at 230 V Rated valueKW18.5- at 230 V Rated valueKW11- at 690 V Rated valueKW18.5- at 690 V Rated valueKW18.5- at 690 V Rated valueKW18.5- at 690 V Rated valueKW10.3Operating power for ≥ 200000 operating cycles at AC-3 at 400 V Rated valueKW6• at 400 V Rated valueKW10.3Operating frequency-AC• at AC-3 maximum1/h750Control supply voltage of the control supply voltageACControl supply voltage with AC-400• at 50 Hz Rated valueV400Operating range factor control supply voltage ratedVvalue of the magnet coll with AC400	— at 600 V Rated value	А	0.6
at AC-2 at 400 V Rated valuekW18.5• at AC-4 at 400 V Rated valuekW11Operating power • at AC-1 at 230 V at 60 °C Rated valuekW15.5- at 230 V Rated valuekW16- at 400 V at 60 °C Rated valuekW27.5- at 690 V at 60 °C Rated valuekW47.5- at 690 V Rated valuekW48• at AC-3 at 230 V Rated valuekW11- at 400 V Rated valuekW18.5- at 690 V Rated valuekW11- at 400 V Rated valuekW18.5- at 690 V Rated valuekW18.5- at 690 V Rated valuekW18.5- at 690 V Rated valuekW10.3Operating power for ≥ 20000 operating cycles at AC-4AC- at 690 V Rated valuekW10.3Operating frequency • at AC-3 maximum1/h750Control supply voltage with AC • at 50 Hz Rated valueV400Operating range factor control supply voltage rated value of the magnet coll with ACV400	Operating power		
• at AC-4 at 400 V Rated valueKW11Operating power • at AC-1 at 230 V at 60 °C Rated valueKW15.5- at 230 V Rated valueKW16- at 400 V at 60 °C Rated valueKW27.5- at 690 V Rated valueKW47.5- at 690 V Rated valueKW48• at AC-3 at 690 V Rated valueKW11- at 400 V Rated valueKW18.5- at 690 V Rated valueKW18.5- at 690 V Rated valueKW18.5- at 690 V Rated valueKW10.3Operating power for ≥ 20000 operating cycles at AC-4-• at 400 V Rated valueKW10.3Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:Type of voltage of the control supply voltage • at 50 Hz Rated valueACControl supply voltage with AC • at 50 Hz Rated valueV400	• at AC-1 at 400 V Rated value	kW	28
Operating power at AC-1 - at 230 V at 60 °C Rated value KW - at 230 V Rated value KW - at 230 V Rated value KW - at 400 V at 60 °C Rated value KW - at 690 V at 60 °C Rated value KW - at 690 V at 60 °C Rated value KW - at 690 V Rated value KW - at 230 V Rated value KW - at 400 V Rated value KW - at 690 V Rated value KW • at 400 V Rated value KW • at 600 V Rated value KW • at 600 V Rated value KW • at AC-3 maximum 1/h Type of voltage of the control sup	• at AC-2 at 400 V Rated value	kW	18.5
• at AC-1Image: Network in the second s	• at AC-4 at 400 V Rated value	kW	11
at 230 V at 60 °C Rated valueKW15.5 at 230 V Rated valueKW16 at 400 V at 60 °C Rated valueKW27.5 at 690 V Rated valueKW47.5 at 690 V Rated valueKW48• at AC-3 at 230 V Rated valueKW11 at 400 V Rated valueKW18.5 at 690 V Rated valueKW18.5 at 690 V Rated valueKW18.5 at 690 V Rated valueKW10.3Operating power for ≥ 200000 operating cycles at AC-4KW6• at 400 V Rated valueKW6• at 690 V Rated valueKW6• at 690 V Rated valueKW6• at 400 V Rated valueKW6• at 690 V Rated valueKW6• at 690 V Rated valueKW6• at 600 V Rated valueKW6• at AC-3 maximum1/h750Control circuit/ ControlVoltage of the control supply voltage• at 50 Hz Rated valueV400Operating range factor control supply voltage rated• at 50 Hz Rated valueV400	Operating power	_	
at 230 V Rated valuekW16 at 400 V at 60 °C Rated valuekW27.5 at 690 V at 60 °C Rated valuekW47.5 at 690 V Rated valuekW48• at AC-3 at 230 V Rated valuekW11 at 400 V Rated valuekW18.5 at 690 V Rated valuekW18.5 at 690 V Rated valuekW18.5 at 690 V Rated valuekW10.3Operating power for ≥ 200000 operating cycles at AC-4-• at 400 V Rated valuekW10.3Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:Type of voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV400Operating range factor control supply voltage rated value of the magnet coil with ACV	• at AC-1		
at 400 V at 60 °C Rated valuekW27.5 at 690 V at 60 °C Rated valuekW47.5 at 690 V Rated valuekW48• at AC-3 at 230 V Rated valuekW11 at 400 V Rated valuekW18.5 at 690 V Rated valuekW18.5 at 690 V Rated valuekW18.5 at 690 V Rated valuekW10.3Operating power for ≥ 200000 operating cycles at AC-4-• at 400 V Rated valuekW6• at 690 V Rated valuekW10.3Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:Type of voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV400Operating range factor control supply voltage rated value of the magnet coll with ACV	— at 230 V at 60 °C Rated value	kW	15.5
at 690 V at 60 °C Rated valuekW47.5 at 690 V Rated valuekW48• at AC-3 at 230 V Rated valuekW11 at 400 V Rated valuekW18.5 at 690 V Rated valuekW18.5 at 690 V Rated valuekW18.5 at 690 V Rated valuekW10.3Operating power for ≥ 200000 operating cycles at AC-4kW10.3• at 400 V Rated valuekW10.3Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:	— at 230 V Rated value	kW	16
at 690 V Rated valuekW48• at AC-3 at 230 V Rated valuekW at 230 V Rated valuekW at 400 V Rated valuekW at 690 V Rated value1/h at 690 V Rated value1/h at 690 V Rated value	— at 400 V at 60 °C Rated value	kW	27.5
• at AC-3KW11- at 230 V Rated valueKW18.5- at 400 V Rated valueKW18.5- at 690 V Rated valueKW18.5Operating power for ≥ 200000 operating cycles at AC-4KW6• at 400 V Rated valueKW6• at 400 V Rated valueKW10.3Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:Type of voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV400Operating range factor control supply voltage rated value of the magnet coil with ACV400	— at 690 V at 60 °C Rated value	kW	47.5
- at 230 V Rated valuekW11- at 400 V Rated valuekW18.5- at 690 V Rated valuekW18.5Operating power for ≥ 200000 operating cycles at AC-4KW6• at 400 V Rated valuekW6• at 690 V Rated valuekW10.3Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:ACType of voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV400Operating range factor control supply voltage rated value of the magnet col with ACV400	— at 690 V Rated value	kW	48
at 400 V Rated valuekW18.5 at 690 V Rated valuekW18.5Operating power for ≥ 200000 operating cycles at AC-4KW6• at 400 V Rated valuekW6• at 690 V Rated valuekW10.3Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:XType of voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV400Operating range factor control supply voltage rated value of the magnet coil with ACV400	• at AC-3		
at 690 V Rated valuekW18.5Operating power for ≥ 200000 operating cycles at AC-4KW6• at 400 V Rated valuekW6• at 690 V Rated valuekW10.3Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:XType of voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV400Operating range factor control supply voltage rated value of the magnet coil with ACV400	— at 230 V Rated value	kW	11
Operating power for ≥ 200000 operating cycles at AC-4 Image: Constraint of Constrai	— at 400 V Rated value	kW	18.5
AC-4KW6• at 400 V Rated valuekW6• at 690 V Rated valuekW10.3Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:ACControl supply voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV400Operating range factor control supply voltage rated value of the magnet coil with ACV	— at 690 V Rated value	kW	18.5
• at 690 V Rated valuekW10.3Operating frequency • at AC-3 maximum1/h750Control circuit/ Control:ACControl supply voltage of the control supply voltageACControl supply voltage with AC • at 50 Hz Rated valueV400Operating range factor control supply voltage rated value of the magnet coil with ACV			
Operating frequency 1/h 750 • at AC-3 maximum 1/h 750 Control circuit/ Control: AC Type of voltage of the control supply voltage AC Control supply voltage with AC 400 • at 50 Hz Rated value V 400	• at 400 V Rated value	kW	6
• at AC-3 maximum1/h750Control circuit/ Control:ACType of voltage of the control supply voltageACControl supply voltage with ACAC• at 50 Hz Rated valueVOperating range factor control supply voltage rated value of the magnet coil with ACV	• at 690 V Rated value	kW	10.3
Control circuit/ Control: Type of voltage of the control supply voltage AC Control supply voltage with AC 400 • at 50 Hz Rated value V 400 Operating range factor control supply voltage rated value of the magnet coil with AC Image: Control supply voltage rated value	Operating frequency	_	
Type of voltage of the control supply voltage AC Control supply voltage with AC 400 • at 50 Hz Rated value V 400 Operating range factor control supply voltage rated value of the magnet coil with AC Image: Control supply voltage rated value	• at AC-3 maximum	1/h	750
Control supply voltage with AC V 400 • at 50 Hz Rated value V 400 Operating range factor control supply voltage rated value of the magnet coil with AC V 400	Control circuit/ Control:		
• at 50 Hz Rated value V 400 Operating range factor control supply voltage rated value of the magnet coil with AC			AC
Operating range factor control supply voltage rated value of the magnet coil with AC			
value of the magnet coil with AC		V	400
• at 50 Hz 0.8 1.1			
	• at 50 Hz		0.8 1.1
Auxiliary circuit:			

Number of NC contacts	_	
for auxiliary contacts		_
— instantaneous contact	_	1
Number of NO contacts		
for auxiliary contacts		
— instantaneous contact		1
Product expansion Auxiliary switch		Yes
Operating current at AC-15	•	40
• at 230 V Rated value	A	10
• at 400 V Rated value	A	3
at 690 V Rated value	A	1
Operating current		
• at DC-12 at 125 V Rated value	A	2
• at DC-12 at 220 V Rated value	A	1
• at DC-12 at 600 V Rated value	A	0.15
• at DC-13 at 125 V Rated value	A	0.9
 at DC-13 at 220 V Rated value 	A	0.3
• at DC-13 at 600 V Rated value	А	0.1
Operating current		
● at DC-12		
— at 60 V Rated value	А	6
— at 110 V Rated value	А	3
• at DC-13		
— at 24 V Rated value	А	10
— at 60 V Rated value	А	2
— at 110 V Rated value	А	1
Contact reliability of the auxiliary contacts		1 faulty switching per 100 million (17 V, 1 mA)
JL/CSA ratings:		
Full-load current (FLA) for three-phase AC motor	_	
• at 480 V Rated value	А	34
• at 600 V Rated value	А	27
yielded mechanical performance [hp]	-	
• for single-phase AC motor at 110/120 V Rated value	metric hp	3
 for single-phase AC motor at 230 V Rated value 	metric hp	5
 for three-phase AC motor at 200/208 V Rated value 	metric hp	10
 for three-phase AC motor at 220/230 V Rated value 	metric hp	10
 for three-phase AC motor at 460/480 V Rated value 	metric hp	25

 for three-phase AC motor at 575/600 V Rated value 	metric hp	25
Contact rating of the auxiliary contacts acc. to UL		A600 / Q600
Short-circuit:		
Design of the fuse link		
 for short-circuit protection of the main circuit 		
— with type of assignment 1 required		gL/gG LV HRC 3NA, DIAZED 5SB, NEOZED 5SE: 100 A
— with type of assignment 2 required		gL/gG LV HRC 3NA, DIAZED 5SB, NEOZED 5SE: 35 A
 for short-circuit protection of the auxiliary switch required 		fuse gL/gG: 10 A
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
Mounting type		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
 Side-by-side mounting 		Yes
Height	mm	85
Width	mm	45
Depth	mm	97
Required spacing		
with side-by-side mounting		
— forwards	mm	0
— Backwards	mm	0
— upwards	mm	0
— downwards	mm	0
— at the side	mm	0
for grounded parts		
— forwards	mm	0
— Backwards	mm	0
— upwards	mm	0
— at the side	mm	6
— downwards	mm	0
 for live parts 		
— forwards	mm	0
	mm	0
— Backwards		0
— upwards	mm	
— downwards	mm	0
— at the side	mm	6
Connections/ Terminals:		

Type of electrical connection		
 for main current circuit 		screw-type terminals
 for auxiliary and control current circuit 		screw-type terminals
Type of connectable conductor cross-section	_	
 for main contacts 		
— single or multi-stranded		2x (1 2,5 mm²), 2x (2,5 10 mm²)
 finely stranded with core end processing 		2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
 for AWG conductors for main contacts 		2x (16 12), 2x (14 8)
 for auxiliary contacts 		
— single or multi-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 conductors for auxiliary contacts		2x (20 16), 2x (18 14)
Apparent pick-up power of the magnet coil with AC		
● at 50 Hz	V·A	77
Safety related data:		
B10 value with high demand rate acc. to SN 31920		1 000 000
Proportion of dangerous failures		
• with low demand rate acc. to SN 31920	%	40
 with high demand rate acc. to SN 31920 	%	73
Failure rate [FIT] with low demand rate acc. to SN 31920	FIT	100
Product function Mirror contact acc. to IEC 60947-4-1	_	Yes
T1 value for proof test interval or service life acc. to IEC 61508	У	20
Protection against electrical shock	_	finger-safe
Nechanical data:		
Size of contactor		SO
Ambient conditions:		
Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
• during operation	°C	-25 +60
• during storage	°C	-55 +80

Certificates/ approvals:

General Product	t Approval			EMC	Functional Safety/Safety of Machinery
	CSA		EHC	С-тіск	Type Examination
Declaration of Conformity	Test Certificates		Shipping App	proval	
EG-Konf.	<u>Type Test</u> <u>Certificates/Test</u> <u>Report</u>	Special Test Certificate	ABS	B U R E A U VERITAS	Ĵ Å DNV DNV
Shipping Approv	/al				other
GL GL	Lloyd's Register LRS	PRS	RINA	RMRS	Environmental Confirmations
other					
<u>Confirmation</u>	VDE				
Further information					
Information- and Dov http://www.siemens.com	wnloadcenter (Catalog m/industrial-controls/cata	gs, Brochures,) alogs			

Industry Mall (Online ordering system)

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Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT20281AV00

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RT20281AV00/all

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