

SIEMENS

SIMOREG DC-MASTER 6RA70

DA 21.1 • 2001



SIEMENS

SIMOREG DC-MASTER 6RA70

DA21.1 • 2001

Отменяет: каталог DA 21 • 1998, часть 1.

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SIMOREG	6
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SIMOREG DC-MASTER 6RA70

Обзор

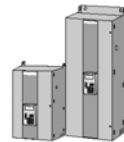
1/2

1/4

1/4

SIMOREG DC-MASTER 6RA70

Обзор



**SIMOREG DC-MASTER
6RA70**

400 830 ;

SIMOREG DC-
MASTER 6RA70

SIMOREG DC-MASTER
6RA70 –

1900

6,3

SIMOREG
DC-MASTER 6RA70

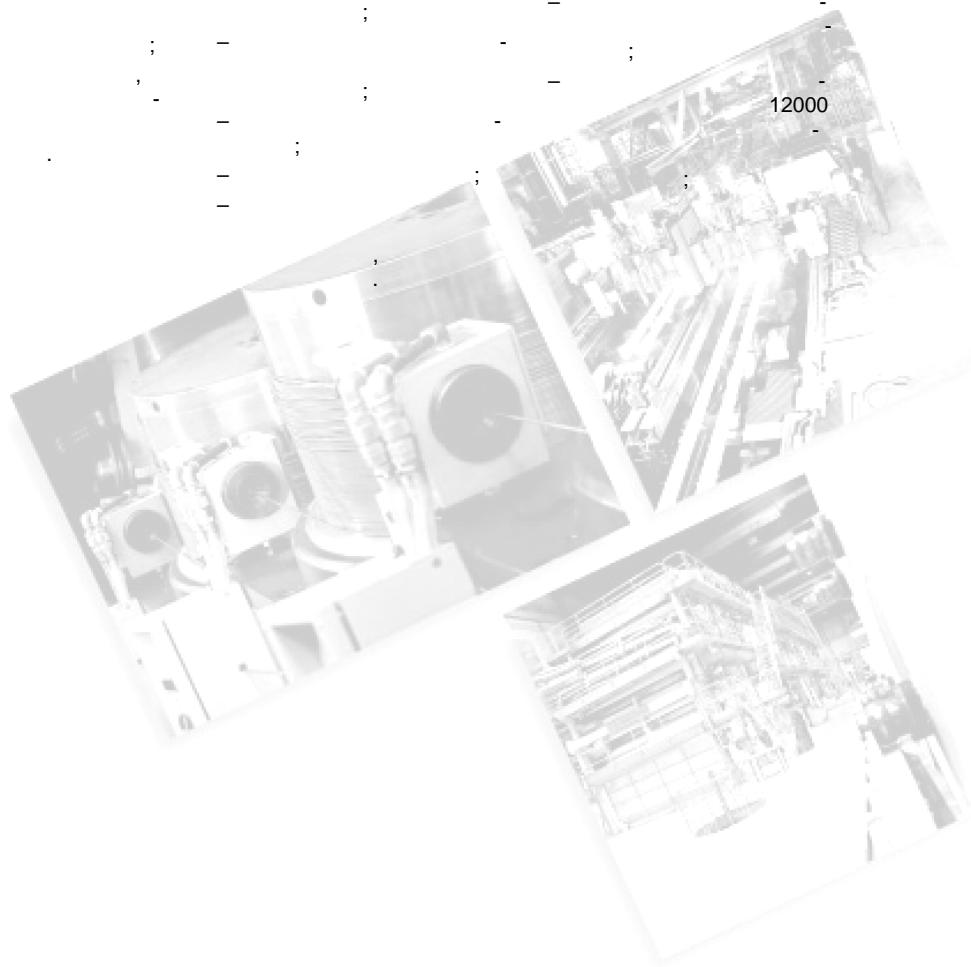
SIMOREG DC-MASTER
6RA70

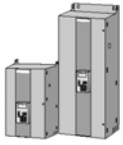
Siemens: TIA – Totally
Integrated Automation ()

10

4Q;

Siemens:





SIMOREG DC-MASTER 6RA70

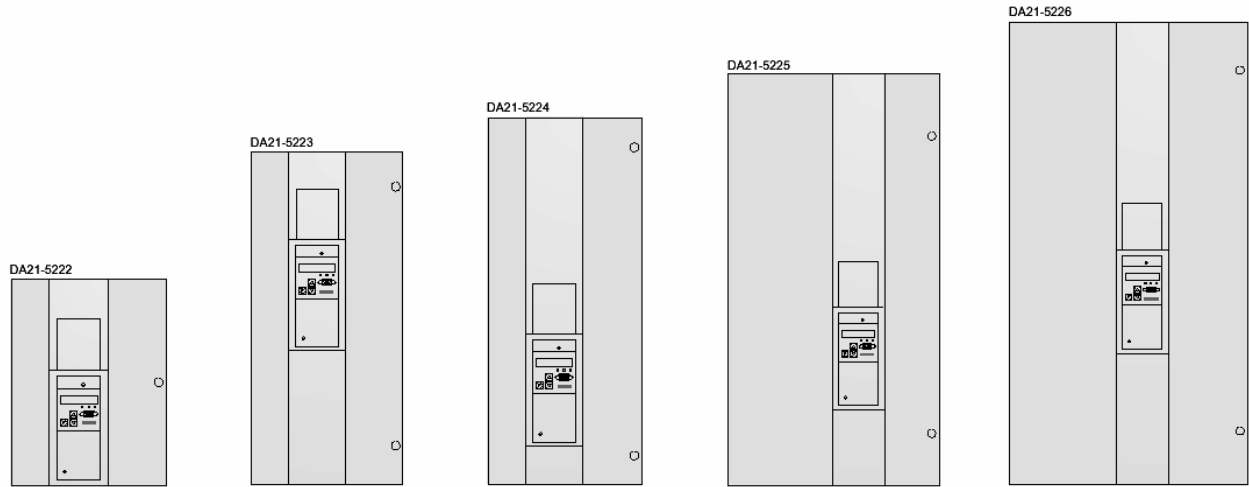
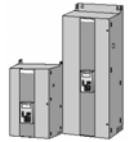
Обзор

Siemens.		SIMOREG DC-MASTER	
SIMOREG	MASTER	SIMOREG DC-	SIMOREG DC-MASTER
EN-Europa	IEC/VDE, UL-, SIMOREG		Siemens
cUL CSA DC-MASTER			0,7 1550
	180		
	110		IP 23, IP 54
			IP 55:
		On Call	
			SIMOREG DC-MASTER

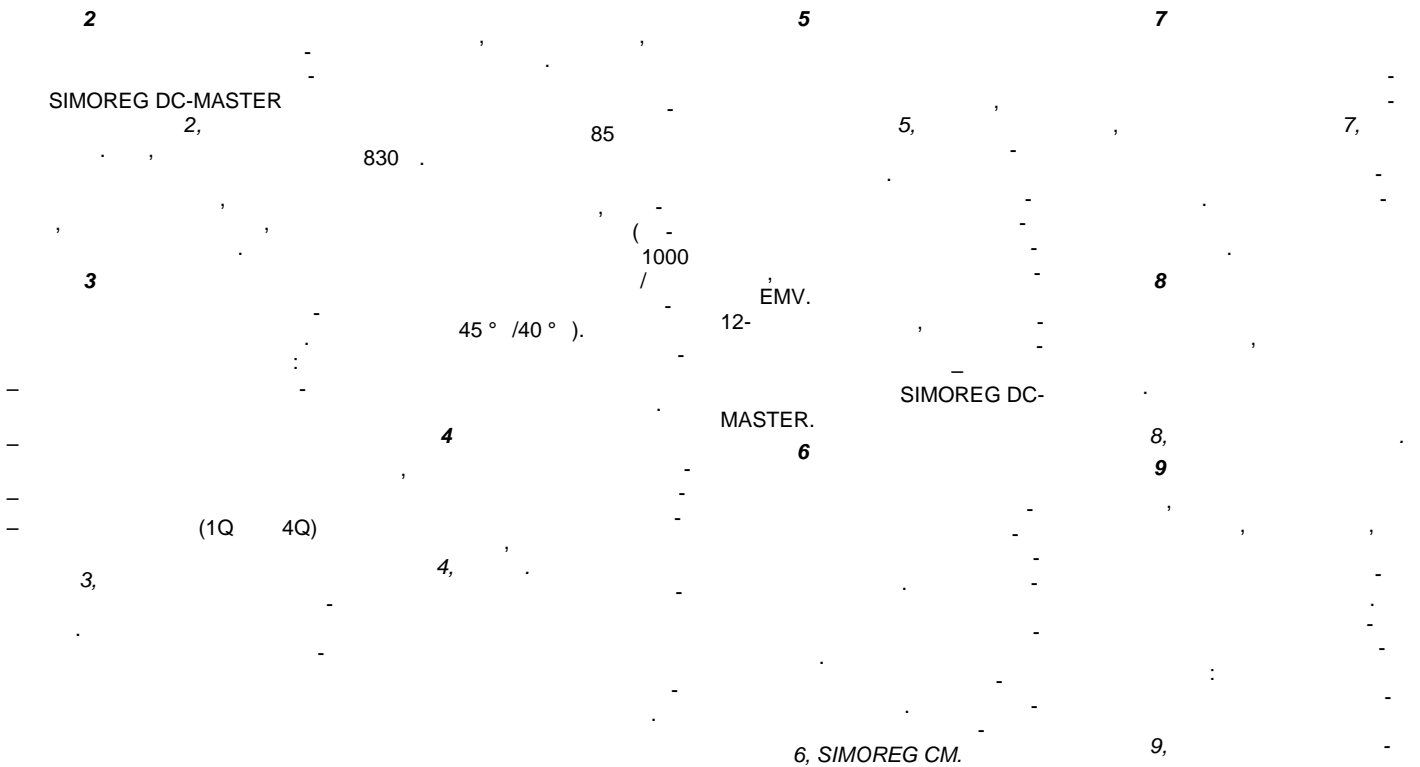


SIMOREG DC-MASTER 6RA70

Обзор



3 AC 400/460/575 V	3 AC 400/460/575 V	3 AC 400/460/575 V	3 AC 400/460/575/690 V	3 AC 400/460/575/690/830 V
15 A – 280 A	400 A – 600 A	720 A – 850 A	900 A – 1200 A	1500 A – 2000 A
5 A – 15 A	25 A	30 A	30 A	40 A
385 x 265 x 239-313	625 x 268 x 318	700 x 268 x 362	780 x 410 x 362	880 x 450 x 500



SIMOREG DC-MASTER 6RA70

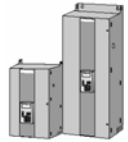
Описание системы



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2/5 2/6		-
2/8		-
2/8 2/8 2/9 2/11 2/11 2/12 2/12		
2/13		
2/14 2/15	CUD1 CUD1	
2/18	SIMOREG DC-MASTER	-
2/19	SIMOREG DC-MASTER	-

SIMOREG DC-MASTER 6RA70

Описание системы



SIMOREG 6RA70

15 2000

(6)

B2HZ.

1200

6

(6)

. 2/1

15

1500

6RA70

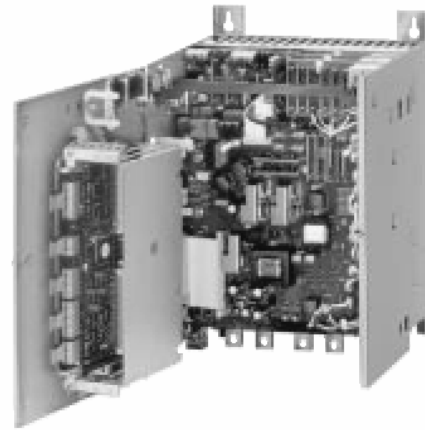
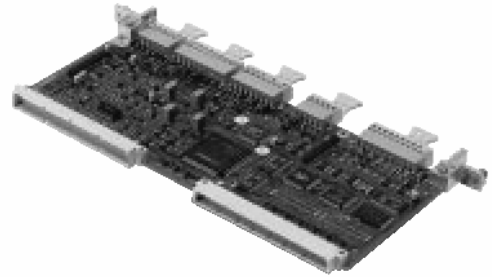
SIMOREG

. 2/2
SIMOREG 6RA70, 15 /30

125

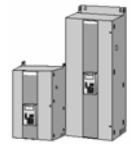
210

. 2/3
SIMOREG 6RA70 2000



SIMOREG DC-MASTER 6RA70

Описание системы



... ± 20, 0 ... ± 10, 0
4 20 ; (; 5%.

27 ; 5
15 . 15 ;

100% SIMOREG. 5 ; ()

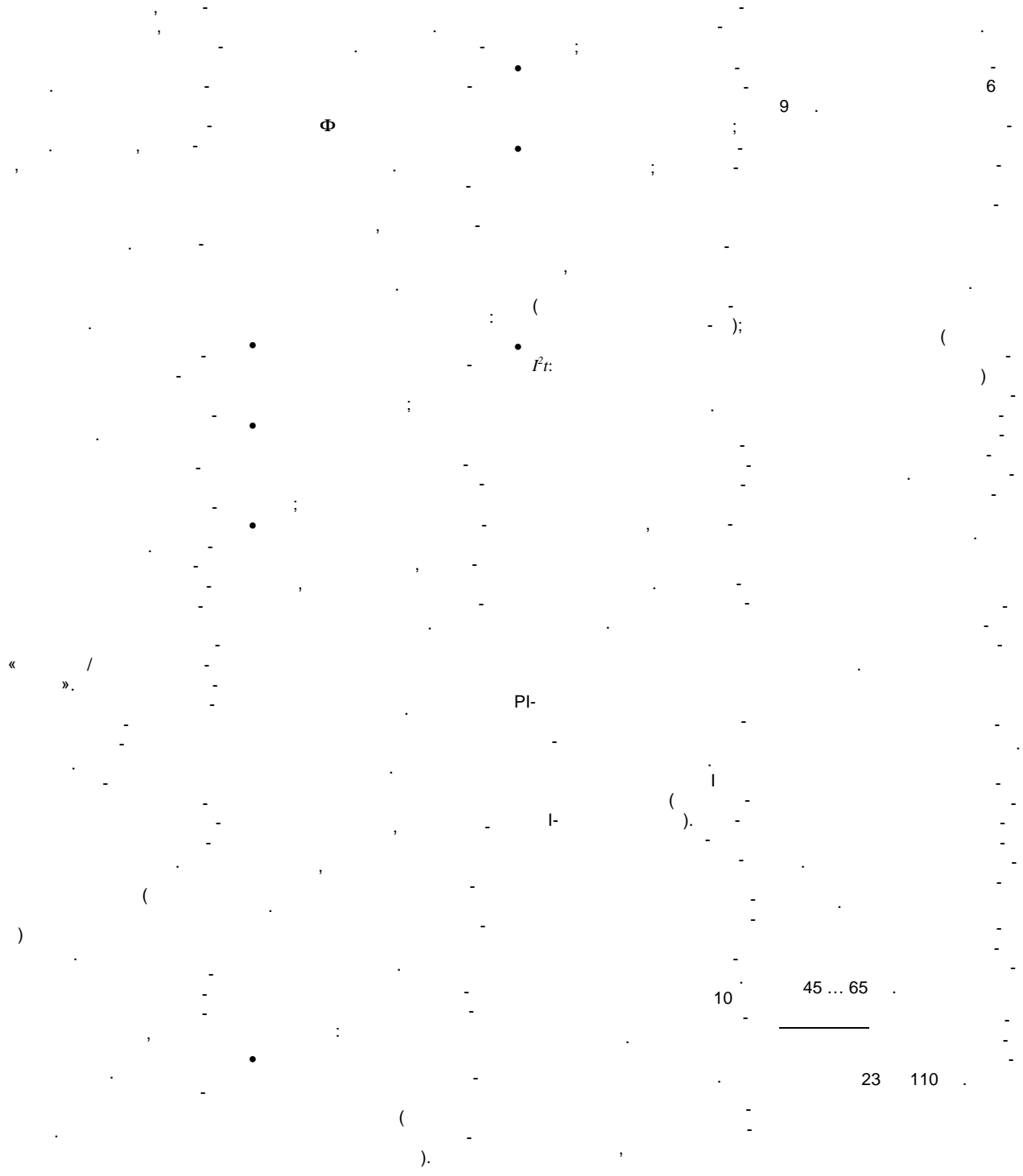
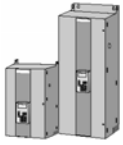
1, 2 ; 1

« 300 ; (1) 1024 (1) ; PI-

SIMOREG D-

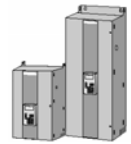
(I*R () ; ()

8 250 ;)



SIMOREG DC-MASTER 6RA70

Описание системы



6RA70

r000

50

300

Trace-

Trace-

8-

128

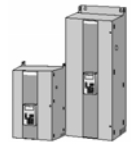
3 300

45 ... 65

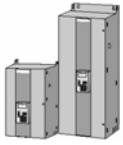


.2/7

SIMOREG



• 37 (AUS1) / - () « » -
 UND. H - () -
 109/11) (: - « »
 38 - ((AUS2): AUS2 (0 ... 15) - « »
 (L- $n < n_{min}$ -
), ($I=0$ -
 L 37 - (AUS3): AUS3 (L- $I=0$,
 $n < n_{min}$ L; $n < n_{min}$ -
 $I=0$ (n_{min} » (L- « -
 $n < n_{min}$) -
 ($I=0$ » ($n < n_{min}$,
). n_{min} (-
 • 38 L- 37, 38 -
 UND. - 38 -
 38 L - $I=0$ -
 $n < n_{min}$ -
 L) ((0 ... 60) -
 $I=0$ -
 = -
 =0.

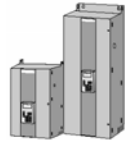


(E-STOP)

E-STOP (109/110) • PMU RS232 300 USS® RS485. SIEMENS- ()
 15) OP1S SIMOVIS® (Slave) Master-
 I=0 RS485 Slave-
 STOP E- USS peer-to-peer ()
 • (), RS485 • PKW ()
 • E-STOP: USS peer-to-peer ()
 • 106/106 E-STOP; PROFIBUS-DP ()
 • 106/107 E-STOP SIMOLINK® ()
 106/108 ;
 STOP E- • RS232: ± 12
 « »;
 • RS485: 5 ,
 », 37.
 : E-STOP 31 USS) (,
 NOT-
 AUS EN-60204-1. peer-to-peer

SIMOREG DC-MASTER 6RA70

Описание системы



()	
• P10, 10 mA,	10 mA,
N10,	10 mA
•2	
0 ... ±10 , 0 ... ±20 A, 4 ... 20 A	10 ±14
• PTC KTY84	
• , 5	, . 2 A
•2	
0 ... ±10 , ± 11-	, . 2 A
•	5- 24- , 2 -
300	
• P15, 200 A	, 2
•4	
•2	P24, -
100	
• . 187,5 , RS 485	
• P24	
•9	

PMU			
• X300	OP1S, RS 232	RS 485	-
, . 187,5	USS		
• 8 ... 250			
•E-STOP			
•4			
•4			
•2 ±10			
• KTY84 PTC			
•2 P24, 100			
•2 2 , ±11 , ±10 , -			
• . 187,5 RS 485, -			
• (2)			
• SIMOREG			
• P24			
•8			

() -

(KTY84-130). - () -

130 KTY84- - (214) -

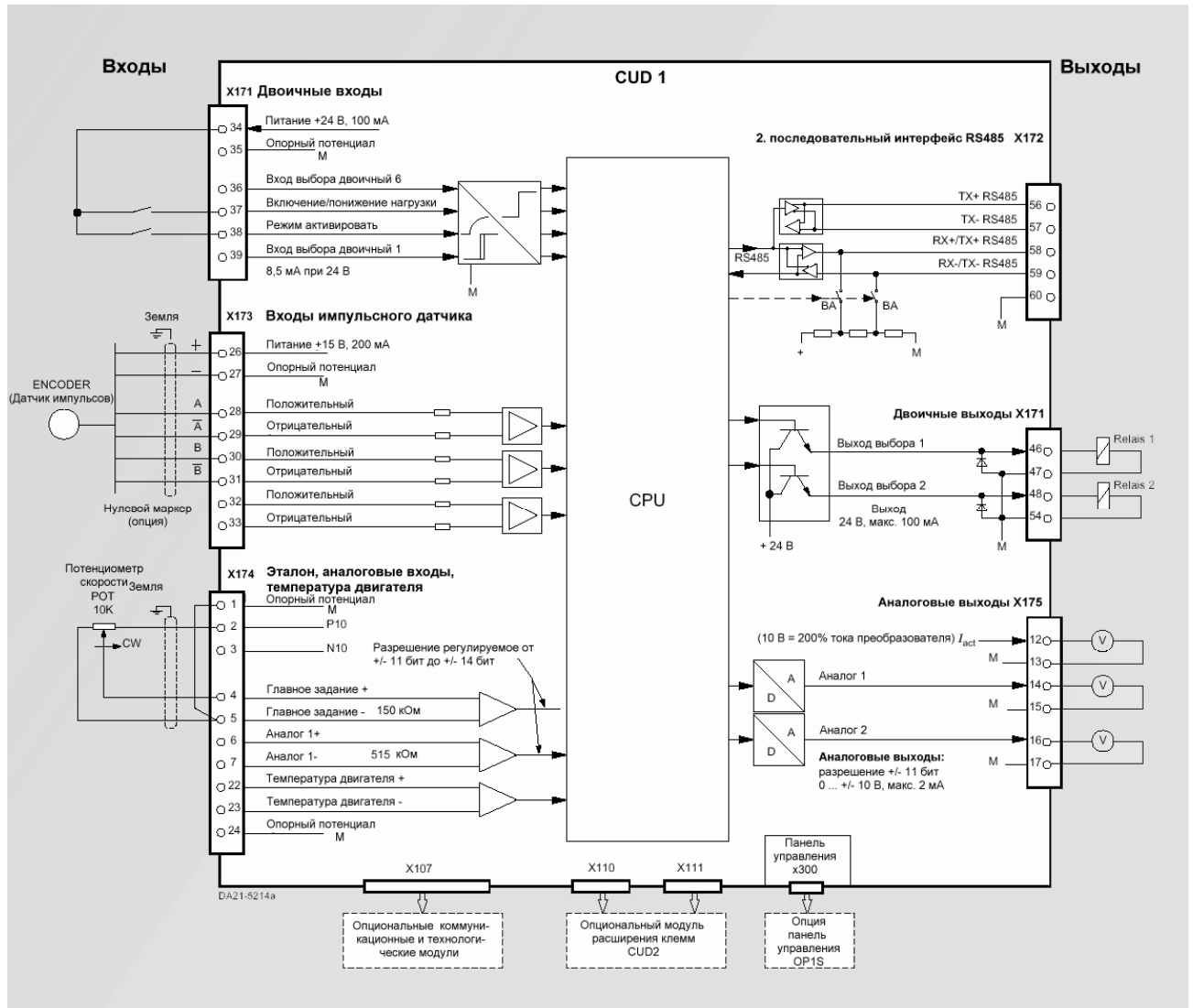
°C. - (213) -

(ventcaptor Typ 3201.03).

(211)

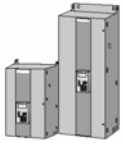


CUD1



. 2/8

CUD1



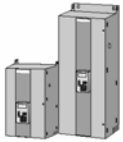
SIMOREG DC-MASTER 6RA70

Описание системы

CUD1

CUD1							
1,5	²	()	- M	X174/1	±1%	25° C	0,1%
			- P10	X174/2	10		10 °K);
			- N10	X174/3			
			-	X174/4			
			-	X174/5	±10		150 k ¹⁾
							555 μ (±14)
					0 ... 20		300
					4 ... 20		300
			- 1+	X174/6			
			- 1-	X174/7	±10		150 k ¹⁾
							555 μ (±14)
					0 ... 20		300
					4 ... 20		300
							±15
		()		X173/26	200		
1,5	²	(+13,7 ... +15,2)	M	X173/27	()		
		1:		X173/28		5,25	15
				X173/29	()		
		2:		X173/30			²⁾
				X173/31			³⁾ 1:1
				X173/32			²⁾
				X173/33			.5/19, .5 ²⁾
							.5/19, .6 ²⁾
							³⁾
1,5	²	()		X174/22		P146	1
				X174/23		P146	1
			M	X147/24	PTC	KTY84-130	

1) 555 μ (±14) 2) .



SIMOREG DC-MASTER 6RA70

Описание системы

CUD1

		M:			
1,5	2.	()	-	X171/47	
			-	X171/54	
				X171/46	•H- : 1)
		" "		•L- : 1)	1)
				2 X171/48	... 100 1)
				:	... 100 1)
			-	XR/109	Belastbarkeit: ~ 250 V, 4 A; cos = 1 ~ 250 V, 2 A; cos = 0,4 = 30 V, 2 A
			-	XR/110	
1 RS 232/X300 2) 3) 4)				X300/1 5)	
				X300/2 5)	
			RS 232-Norm (V.24)	X300/4 5)	
			RS 485-		
			BOÖT, /	X300/4 5) 8)	
				X300/5 5)	
			5 V	X300/6 5)	
			OP1S		
			RS 232-	X300/7 5)	
			Norm (V.24)		
			RS 485-	X300/8 5)	
			/		
			Masse	X300/9 5)	
2 RS 485 6) 7)		()	TX+	X172/56	RS 485, 4-
1,5	2.				
			TX-	X172/57	RS 485, 4-
			RX+/TX+	X172/58	RS 485, 4-
				/	2-
			RX-/TX-	X172/59	RS 485, 4-
				/	2-
			M X172/60		

1) - : +16 ... +30
L- : 0 ... +2

2) 9- SUBMIN D-

3) - 15 EIA
- 30 .2,5 F ()

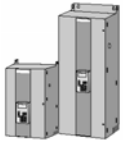
4) 300 PMU

5)

6) - :
= 187,5 : 600
= 93,75 : 1200

7) 19245, 1.

DIN 8) SIMOREG 6RA70



SIMOREG 6RA70

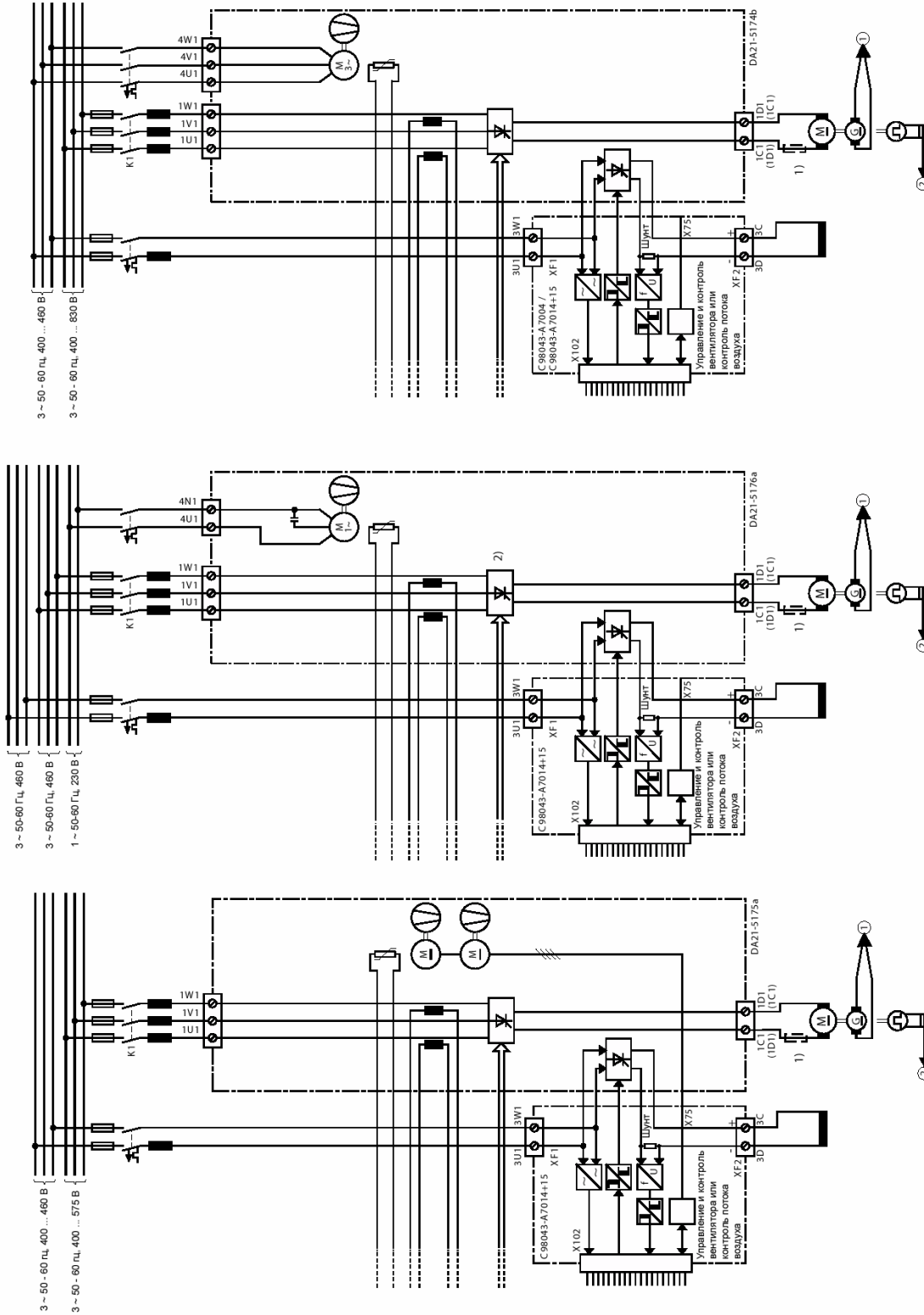


Рис. 2/10
Преобразователи на 210 ... 280 А

Рис. 2/11
Преобразователи на 450 ... 1200 А
с однофазным вентилятором.

Рис. 2/12
Преобразователи на 400 ... 2000 А
с трехфазным вентилятором

1) Защита GS для преобразователей 4-Q

2) Для приборов ≥ 900 А фазные предохранители находятся в приборе, внешняя полупроводниковая защита не требуется.

SIMOREG DC-MASTER 6RA70

Описание системы

