Drive & Control Company

力士乐VFC & EFC系列变频器选型手册

产品简介

VFC 3610/5610

Rexroth VFC 3610/5610 VFC 3610
V/f 0.4...18.5 kW
1.5 Hz/100 % 3 Hz/150 % /

VFC 5610
0.4...18.5 kW 0.5 Hz/200 %



EFC 3610/5610

Rexroth EFC 3610 EFC 5610 CE UL
cUL RCM EAC (Gost R)
EFC 3610/5610 VFC 3610/5610

- ►
- ► EMC C3
- ►
- ► 40 C 45 C
- ► Rexroth SERCOS III
  Rexroth



VFC & EFC系列产品技术指标

			VFC 3610	VFC 5610	EFC 3610	EFC 5610
	220 V		0.4...2.2 kW			
			200...240 V 10 %			
			50/60 Hz 5 %			
	400 V		0.4...18.5 kW 7.5...22 kW			
			-15 % 380 V...480 V+10 %			
			50/60 Hz 5 %			
			0...400 Hz			
			V/f	V/f, SVC	V/f	V/f, SVC
						/
			150 %, 60 s 120 %, 60 s		150 %, 60 s; 200 %, 1 s 120 %, 60 s	
	EMC		-		C3	
			0.1 %*			
			0.01 Hz			
			1 k...15 kHz			
			1:50	1:200	1:50	1:200
			3 Hz 150 %	0.5 Hz 200 %	3 Hz 150 %	0.5 Hz 200 %
			1.5 Hz 100 %		1.5 Hz 100 %	
	PID		1			
IO		+10 V				
		+5 V				
		AI1	0...10 V/0(4)...20 mA			
		AI2	0...10 V/0(4)...20 mA			
		AO1	0...10 V/0(4)...20 mA			
		+24 V	max. 100 mA			
		DI1...DI5	PNP/NPN			
		DI5	50 kHz			
			1 /			
	DO1		32 kHz			
			1			
			Modbus, PROFIBUS DP( )[1], CANopen( )[2]		Modbus, PROFIBUS DP( )[1], CANopen( )[2], Multi-Ethernet( )[2]	
			-10...40 C 40...50 C, 1.5 %/1 C		-10...45 C 45...55 C, 1.5 %/1 C	
			<90 %			
			≤1000 m			
			IP20			
			CE		CE UL cUL RCM EAC(Gost R)	

[1] PROFIBUS DP 2015 [2] CANopen, Multi-Ethernet: 2015

VFC 3610/5610系列变频器

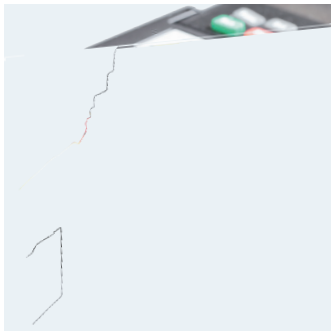
Rexroth Rexroth

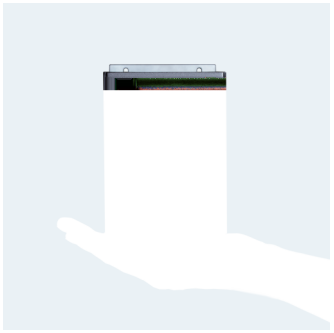
VFC 3610 VFC 5610

VFC 3610 VFC 5610

CE


VFC 系列









- ▶
- ▶
- ▶ DIN (7.5 kW)
- ▶ 0.75 kW 0.75 kW
- ▶
- ▶
- ▶
- ▶ LED LCD [2]
- ▶ I/O
- ▶ 2 I/O [1]
- ▶

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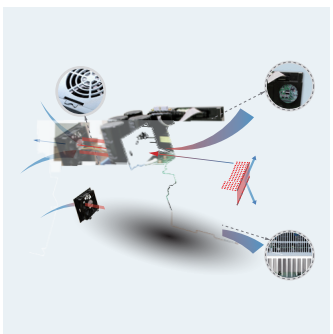
- ▶ / (VFC 3610)
- ▶ (VFC 5610)
- ▶
- ▶
- ▶
- ▶
- ▶ (50 kHz) (32 kHz)
- ▶ 50 %
- ▶ 24 V

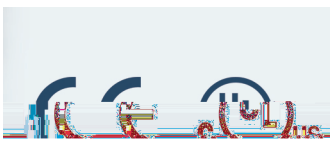
EFC 3610/5610系列变频器

Rexroth EFC 3610 EFC 5610 CE UL cUL RCM EAC(GOST R)

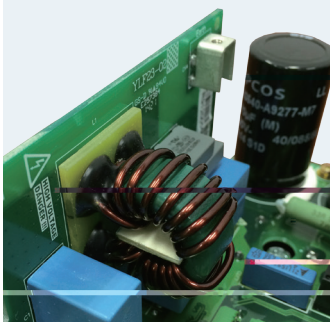
EFC VFC VFC
(EFC 5610) EMC











►

EMC

► C3

► 4 kW 15 m 5.5 kW 30 m

► EMC

►

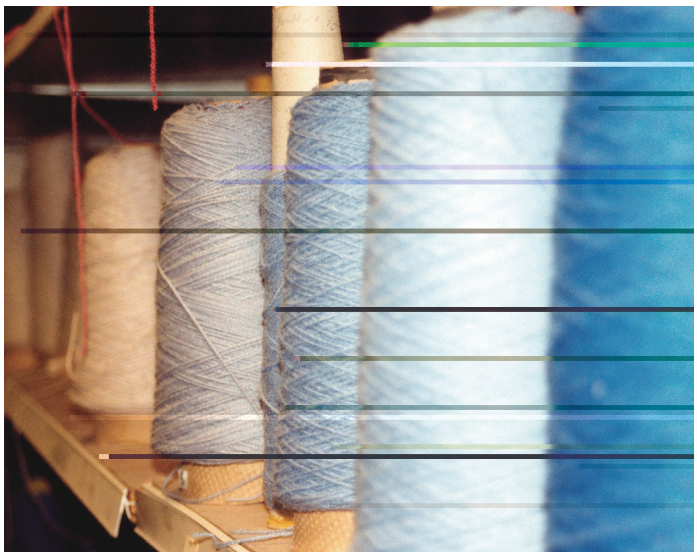
45 ℃

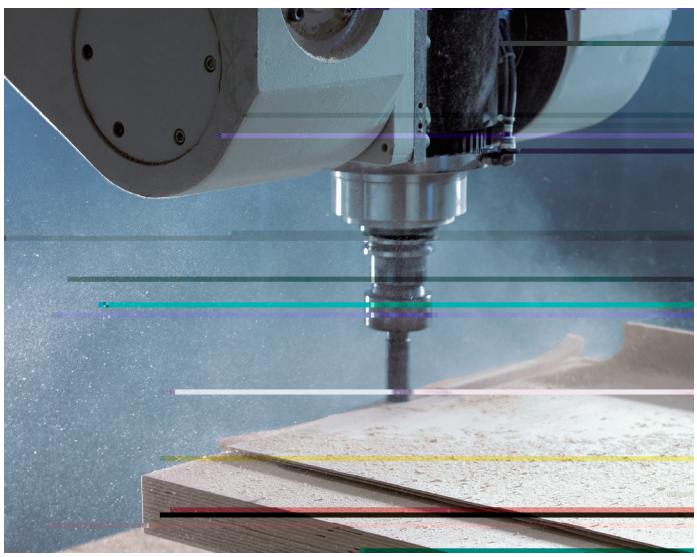
► 40 C(VFC) 45 C

► VFC PROFIBUS DP[1] CANopen[2] Ethernet IP
Profinet EtherCAT Modbus TCP

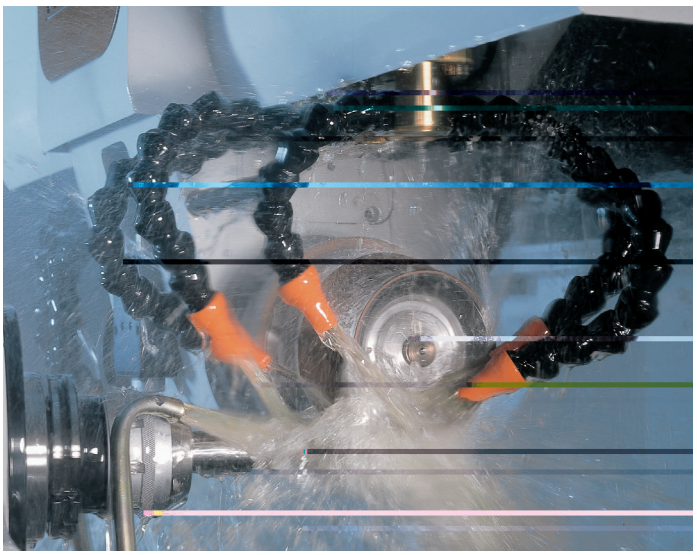
► Rexroth SERCOS III Rexroth



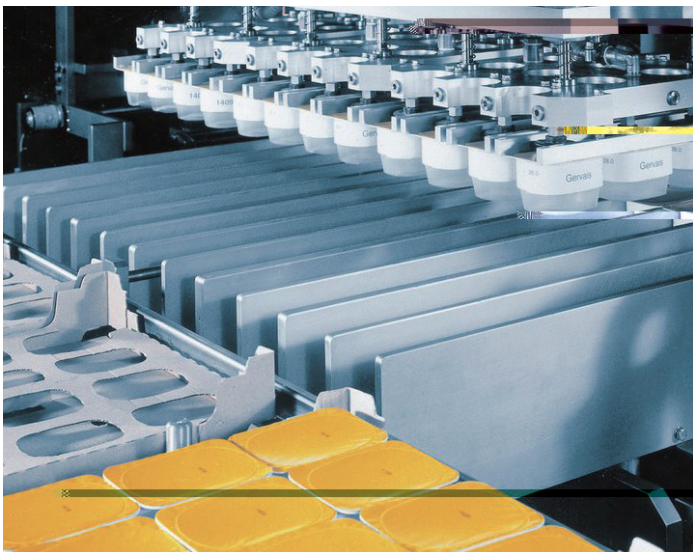




VFC/EFC 5610变频器应用



- ▶
- ▶
- ▶
- ▶ 50 %



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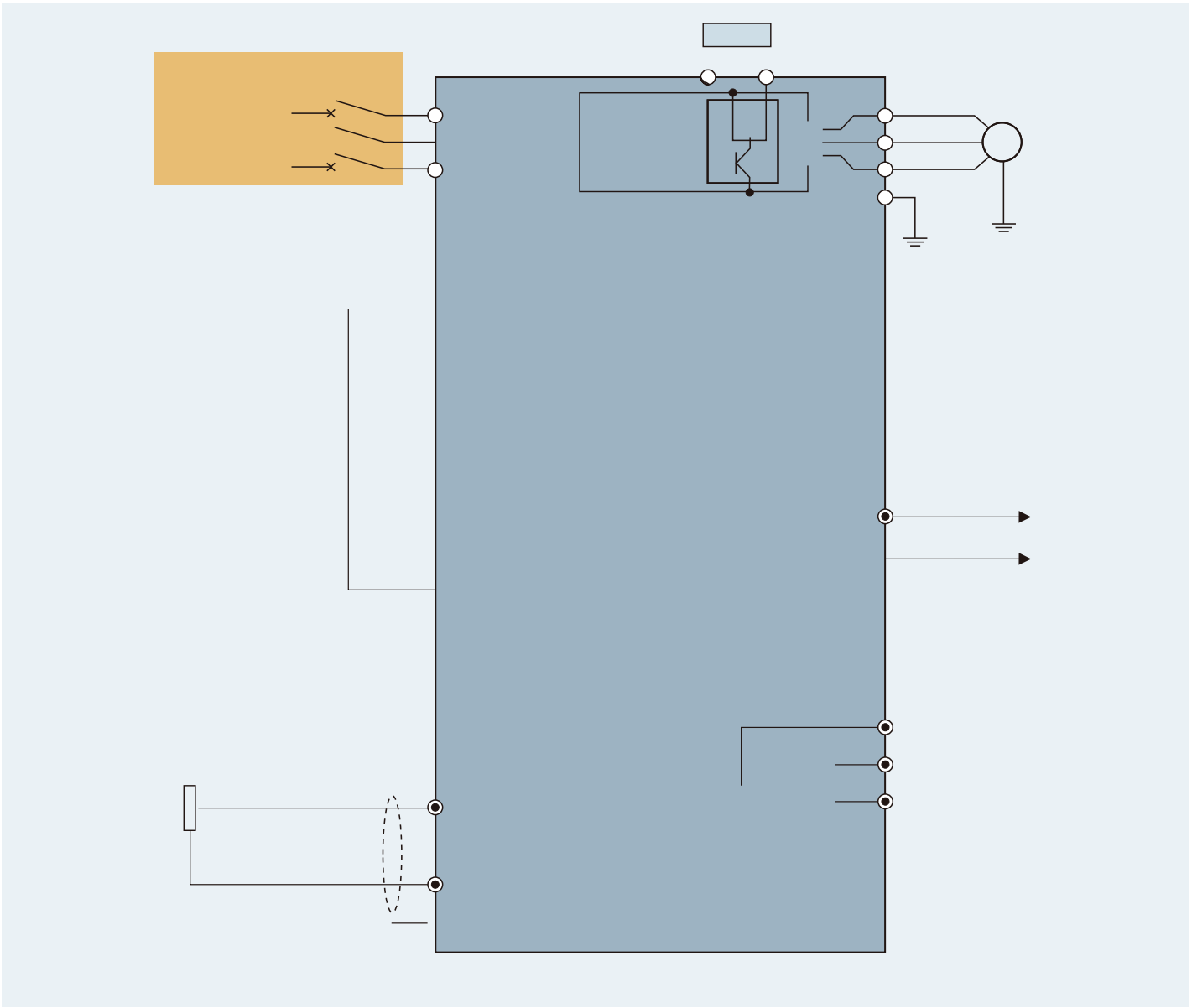
- ▶
- ▶
- ▶
- ▶ PLC



- ▶ Modbus RTU, PROFIBUS DP[1], CANopen[2],
- ▶ SVC
- ▶
- ▶ /LED/LCD[2]
- ▶
- ▶



附件选配参考



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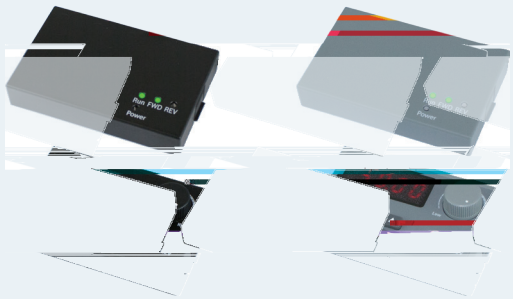
-
-
- 3 m
- 2 m 3 m



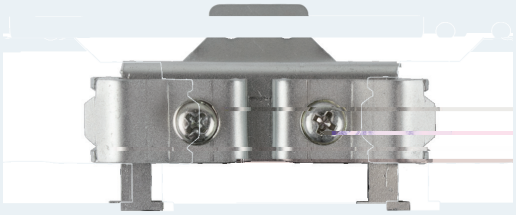
/LED

VFC/EFC LED

-
- 4 LED

LED

- LED
-
-



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力士乐变频器调试软件



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VFC EFC

Mini

USB USB VFC/EFC

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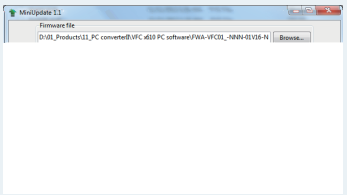

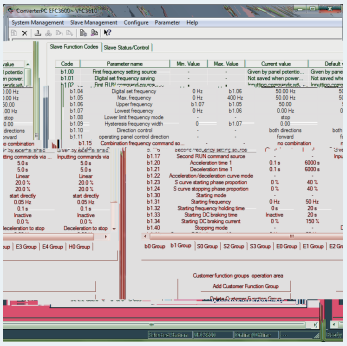

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R912006022
12/2014A
Printed in China
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