

ЕКС 531 D Контроллер производительности

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Нижний Новгород (831)429-08-12	Смоленск (4812)29-41-54
Астана +7(7172)727-132	Калуга (4842)92-23-67	Новокузнецк (3843)20-46-81	Сочи (862)225-72-31
Белгород (4722)40-23-64	Кемерово (3842)65-04-62	Новосибирск (383)227-86-73	Ставрополь (8652)20-65-13
Брянск (4832)59-03-52	Киров (8332)68-02-04	Орел (4862)44-53-42	Тверь (4822)63-31-35
Владивосток (423)249-28-31	Краснодар (861)203-40-90	Оренбург (3532)37-68-04	Томск (3822)98-41-53
Волгоград (844)278-03-48	Красноярск (391)204-63-61	Пенза (8412)22-31-16	Тула (4872)74-02-29
Вологда (8172)26-41-59	Курск (4712)77-13-04	Пермь (342)205-81-47	Тюмень (3452)66-21-18
Воронеж (473)204-51-73	Липецк (4742)52-20-81	Ростов-на-Дону (863)308-18-15	Ульяновск (8422)24-23-59
Екатеринбург (343)384-55-89	Магнитогорск (3519)55-03-13	Рязань (4912)46-61-64	Уфа (347)229-48-12
Иваново (4932)77-34-06	Москва (495)268-04-70	Самара (846)206-03-16	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Мурманск (8152)59-64-93	Санкт-Петербург (812)309-46-40	Череповец (8202)49-02-64
Казань (843)206-01-48	Набережные Челны (8552)20-53-41	Саратов (845)249-38-78	Ярославль (4852)69-52-93

сайт: www.dnfs-ice.nt-rt.ru || эл. почта: dsi@nt-rt.ru

ЕКС 531 D Контроллер производительности

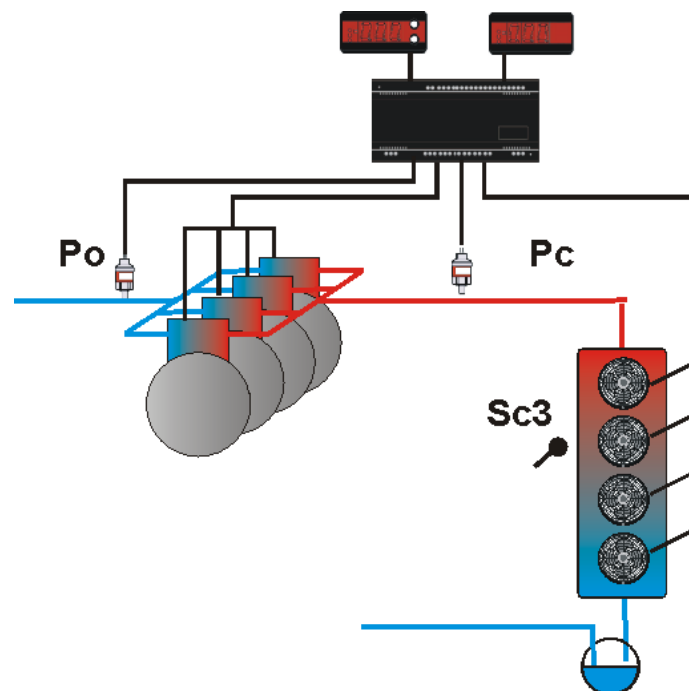
Компактный контроллер производительности имеет четыре ступени регулирования производительности компрессора и вентиляторов конденсатора.

Контроль производительности с нейтральной зоной поддерживает постоянное давление и позволяет сократить число включений/выключений.

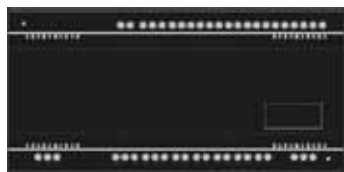
Содержит несколько таймеров, позволяет использовать различные защитные процедуры для продления срока службы компрессора.

Свойства:

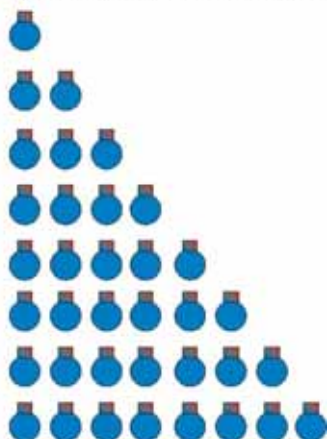
- Различные алгоритмы управления компрессорами
- Контроль с нейтральной зоной
- 10 релейных выходов
- 8 цифровых входов
- Реле аварийной сигнализации
- Отображение сигналов аварии
- Защитные процедуры
- Возможность установки сетевой платы



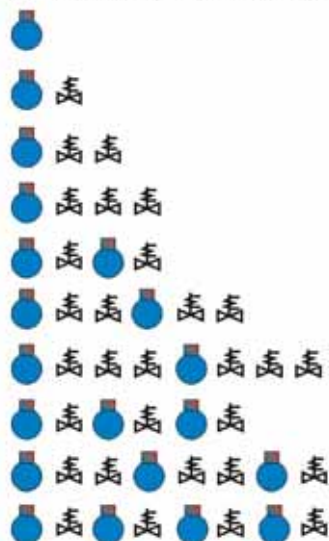
ЕКС 531 D Контроллер производительности



DO1 DO2 DO3 DO4 DO5 DO6 DO7 DO8

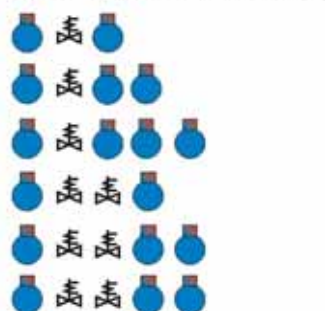


DO1 DO2 DO3 DO4 DO5 DO6 DO7 DO8

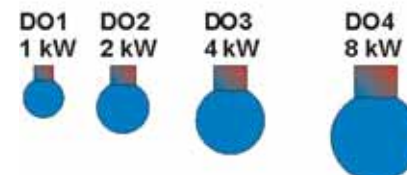
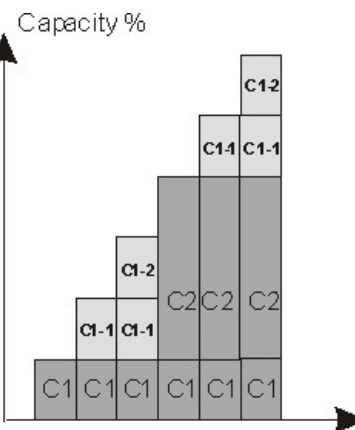


Принцип 2

DO1 DO2 DO3 DO4 DO5 DO6 DO7 DO8



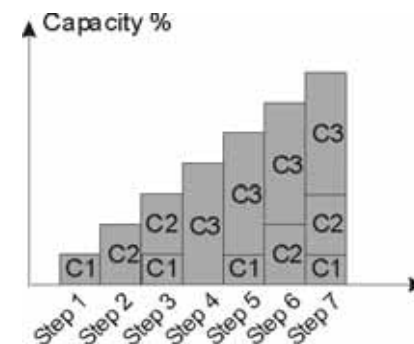
Принцип 5



	DO1	DO2	DO3	DO4	DO5	DO6	DO7	DO8
Step 1	X							
Step 2		X						
Step 3	X	X						
Step 4			X					
Step 5	X		X					
Step 6		X	X					
Step 7	X	X	X					
Step 8				X				
Step 9	X			X				
Step xx								

Принцип 1

Принцип 4



Типы конфигурации ЕКС 531 D

c16 Compressor connections <table> <tr><th>Compressor</th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th></tr> <tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>1</td><td>1</td><td>1</td><td>0</td><td>0</td></tr> </table>	Compressor	1	2	3	4	5	6	7	8	9	10	0	0	0	0	0	1	1	1	1	0	0	#1 ENC-321 connections <table> <tr><th>Compressor</th><th>1</th><th>2</th><th>3</th><th>4</th></tr> <tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> </table>	Compressor	1	2	3	4	0	0	0	0	0	Number of compressors in this application (x16x0) is determined by the values in the "MAM Step" parameters. ←										
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Compressor	1	2	3	4																																								
14	0	0	0	0																																								

c16 Compressor connections										
15	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
15	0	0	0

#2 ENC-321 connections			
15	0	0	0

c16 Compressor connections										
16	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
16	0	0	0

#2 ENC-321 connections			
16	0	0	0

c16 Compressor connections										
17	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
17	0	0	0

#2 ENC-321 connections			
17	0	0	0

c16 Compressor connections										
18	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
18	0	0	0

#2 ENC-321 connections			
18	0	0	0

c16 Compressor connections										
19	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
19	0	0	0

#2 ENC-321 connections			
19	0	0	0

The normal DO9 function is overridden in mode #18 as the relay is used to control an unloader.

c16 Compressor connections										
20	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
20	0	0	0

#2 ENC-321 connections			
20	0	0	0

c16 Compressor connections										
21	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
21	0	0	0

#2 ENC-321 connections			
21	0	0	0

The "c16 Compr mode" parameter set in the 21-25 range selects "Unloader smooth mode" meaning DO1 first in / last out. Other compressors according to "c08 step mode" The DO1 unloaded steps) smooth out the capacity steps.

c16 Compressor connections										
22	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
22	0	0	0

#2 ENC-321 connections			
22	0	0	0

c16 Compressor connections										
23	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
23	0	0	0

#2 ENC-321 connections			
23	0	0	0

c16 Compressor connections										
24	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
24	0	0	0

#2 ENC-321 connections			
24	0	0	0

c16 Compressor connections										
25	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
25	0	0	0

#2 ENC-321 connections			
25	0	0	0

c16 Compressor connections										
26	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
26	0	0	0

#2 ENC-321 connections			
26	0	0	0

c16 Compressor connections										
27	0	0	0	0	0	0	0	0	0	0

#1 ENC-321 connections			
27	0	0	0

#2 ENC-321 connections			
27	0	0	0

AKD application example ("c29 no of Fans" = 9):

c16 Compressor connections										
28	0	0	0	0	0	0	0	0	0	0

AKD			
28	0	0	0

Disabling the normal DO6 DO10 functions by setting "DO6 function" = 3 and "DO10 function" = 1 makes it possible to handle a 6 comp-4 fan application without external fan control.

The normal DO6 function is overruled in mode #18 as the relay is used to control an unloader.

The "c16 Compr mode" parameter set in the 21-26 range selects 'Unloader smooth mode' meaning DO1 first in / last out. Other compressors according to "c08 step mode" The DO1 unloaded step(s) smooth out the capacity steps.

AKD application example ("c29 no of Fans" = 9):



[Принцип 1](#) [Принцип 2](#) [Принцип 3](#) [Принцип 4](#) [Принцип 5](#)

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