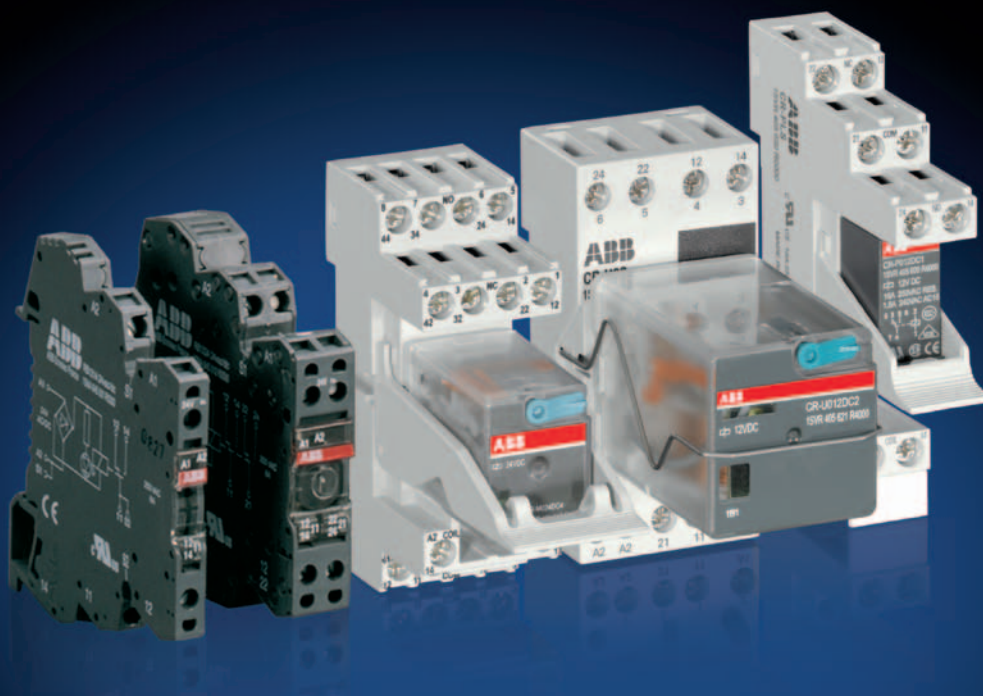




Produtos de Baixa Tensão

Produtos eletrônicos e relés de interface Linhas CR, R500 e R600

Power and productivity
for a better world™



Relés de interface plugáveis

Linha CR-M

Miniatura - 27 mm

Código de estoque	1SVR 405 611 R4000	1SVR 405 611 R1000	1SVR 405 611 R6000	1SVR 405 611 R4200	1SVR 405 611 R8000	1SVR 405 611 R8200	1SVR 405 611 R9000	1SVR 405 611 R0000	1SVR 405 611 R5000	1SVR 405 611 R7000	1SVR 405 611 R2000	1SVR 405 611 R3000	1SVR 405 612 R4000	1SVR 405 612 R1000	1SVR 405 612 R6000	1SVR 405 613 R4200	1SVR 405 613 R8000																																																																																																																																																																																																																																																																																																																																																																																																																															
Tipo	CR-M012DC2	CR-M024DC2	CR-M048DC2	CR-M060DC2	CR-M110DC2	CR-M125DC2	CR-M220DC2	CR-M024AC2	CR-M048AC2	CR-M110AC2	CR-M120AC2	CR-M230AC2	CR-M012DC3	CR-M024DC3	CR-M048DC3	CR-M060DC3	CR-M110DC3	CR-M125DC3	CR-M220DC3	CR-M024AC3	CR-M048AC3	CR-M060AC3	CR-M110AC3	CR-M120AC3	CR-M230AC3	CR-M012DC4	CR-M024DC4	CR-M048DC4	CR-M060DC4	CR-M110DC4																																																																																																																																																																																																																																																																																																																																																																																																																		
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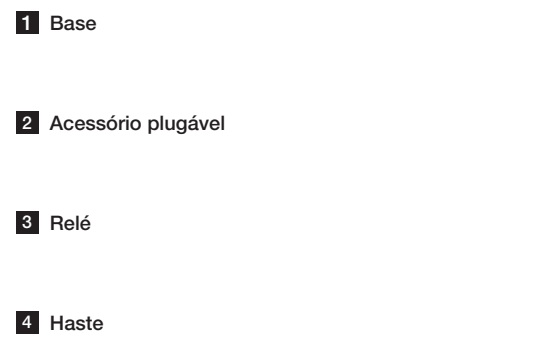
Acessórios

Tipo	Descrição	Terminais de conexão	Código de estoque	Lote múltiplo
Base para relés				
CR-M2LS	Base para relés de 2NAF	Parafuso	1SVR 405 651 R1100	10
CR-M3LS	Base para relés de 3NAF		1SVR 405 651 R2100	10
CR-M4LS	Base para relés de 4NAF		1SVR 405 651 R3100	10
CR-M2LC	Base para relés de 2NAF	Mola	1SVR 405 651 R1200	10
CR-M4LC	Base para relés de 4NAF		1SVR 405 651 R3200	10
Outros acessórios				
CR-MH	Haste de plástico de extração/segurança		1SVR 405 659 R1000	10
CR-MH1	Haste de metal de extração/segurança		1SVR 405 659 R1100	25
CR-MJ	Barra jumper para bases com conexão parafuso		1SVR 405 658 R6000	10
CR-M	Plaqueta de identificação		1SVR 405 658 R1000	10

[illegible]

A scatter plot on a 20x20 grid showing the relationship between the number of people in a household (x-axis) and the number of cars (y-axis). The x-axis is labeled 'Number of people in household' and the y-axis is labeled 'Number of cars'. The data points are as follows:

Number of people in household	Number of cars
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20



Relés de interface plugáveis

Linha CR-P

Compacto - 15,5 mm

Código de estoque	1SVR 405 600 R4000	1SVR 405 600 R1000	1SVR 405 600 R6000	1SVR 405 600 R8000	1SVR 405 600 R0000	1SVR 405 600 R5000	1SVR 405 600 R7000	1SVR 405 600 R2000	1SVR 405 600 R3000	1SVR 405 601 R4000	1SVR 405 601 R1000	1SVR 405 601 R6000	1SVR 405 601 R8000	1SVR 405 601 R0000	1SVR 405 601 R5000	1SVR 405 601 R7000	1SVR 405 601 R2000	1SVR 405 601 R3000	1SVR 405 606 R1000	1SVR 405 606 R0000	1SVR 405 606 R7000	1SVR 405 606 R3000
Tipo	CR-P012DC1	CR-P024DC1	CR-P048DC1	CR-P110DC1	CR-P024AC1	CR-P048AC1	CR-P110AC1	CR-P120AC1	CR-P230AC1	CR-P012DC2	CR-P024DC2	CR-P048DC2	CR-P110DC2	CR-P024AC2	CR-P048AC2	CR-P110AC2	CR-P120AC2	CR-P230AC2	CR-P024DC2G	CR-P024AC2G	CR-P110AC2G	CR-P230AC2G
Tensão de alimentação																						
12 Vc.c.	■									■												
24 Vc.c.		■									■								■			
48 Vc.c.			■									■										
60 Vc.c.				■									■									
110 Vc.c.					■									■								
125 Vc.c.																						
220 Vc.c.																						
24 Vc.a.					■									■						■		
48 Vc.a.						■									■							
60 Vc.a.																■						
110 Vc.a.								■									■				■	
120 Vc.a.									■									■				
230 Vc.a.										■									■			■
Tensão / Corrente de saída																						
250 V / 16 A	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■
250 V / 8 A										■	■	■	■	■	■	■	■	■	■	■	■	■
250 V / 12 A																						
250 V / 10 A																						
250 V / 6 A																						
Contatos de saída																						
Número de contatos NAF	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2				
Contatos de ouro																			2	2	2	2
LED																						



- 1 Base
- 2 Acessório plugável
- 3 Relé
- 4 Haste
- 5 Plaqueta de identificação

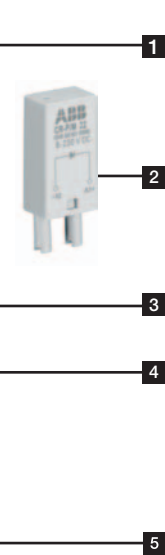
Acessórios

Tipo	Descrição	Terminais de conexão	Código de estoque	Lote múltiplo
Base para relés				
CR-PLS	Base para relés de 1 ou 2NAF	Parafuso	1SVR 405 650 R0000	10
CR-PLC	Base para relés de 1 ou 2NAF	Mola	1SVR 405 650 R0200	10
Outros acessórios				
CR-PH	Haste de extração/segurança		1SVR 405 659 R0000	10
CR-PJ	Barra jumper para bases com conexão parafuso		1SVR 405 658 R5000	10
CR-P	Plaqueta de identificação		1SVR 405 658 R0000	10

Relés de interface plugáveis

Linha CR-U

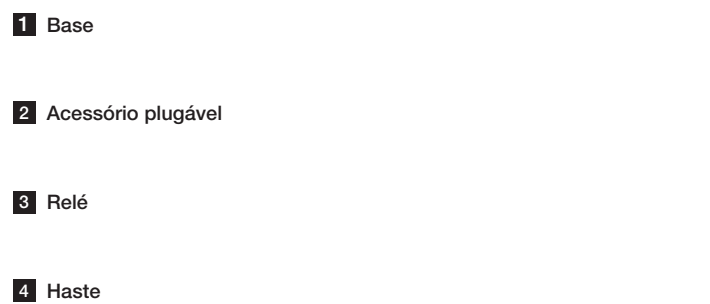
Universal - 38 mm



Código de estoque	1SVR 405 621 R4000	1SVR 405 621 R1000	1SVR 405 621 R6000	1SVR 405 621 R8000	1SVR 405 621 R9000	1SVR 405 621 R0000	1SVR 405 621 R5000	1SVR 405 621 R7000	1SVR 405 621 R2000	1SVR 405 621 R3000	1SVR 405 622 R4000	1SVR 405 622 R1000	1SVR 405 622 R6000	1SVR 405 622 R8000	1SVR 405 622 R8200	1SVR 405 622 R9000	1SVR 405 622 R0000	1SVR 405 622 R5000	1SVR 405 622 R5200	1SVR 405 622 R7000	1SVR 405 622 R2000	1SVR 405 622 R3000	1SVR 405 621 R4100	1SVR 405 621 R1100
Tipo	CR-U012DC2	CR-U024DC2	CR-U048DC2	CR-U110DC2	CR-U220DC2	CR-U024AC2	CR-U048AC2	CR-U110AC2	CR-U120AC2	CR-U230AC2	CR-U012DC3	CR-U024DC3	CR-U048DC3	CR-U110DC3	CR-U125DC3	CR-U220DC3	CR-U024AC3	CR-U048AC3	CR-U060AC3	CR-U110AC3	CR-U120AC3	CR-U230AC3	CR-U012DC2L	CR-U024DC2L
Tensão de alimentação																								
12 Vc.c.	■										■												■	
24 Vc.c.		■										■												■
48 Vc.c.			■										■											
60 Vc.c.																								
110 Vc.c.				■										■										
125 Vc.c.															■									
220 Vc.c.					■											■								
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48 Vc.a.							■											■						
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110 Vc.a.									■											■				
120 Vc.a.										■											■			
230 Vc.a.											■											■		
Tensão / Corrente de saída																								
250 V / 16 A																								
250 V / 8 A																								
250 V / 12 A																								
250 V / 10 A		■									■	■	■	■	■	■	■	■	■	■	■	■	■	■
250 V / 6 A																								
Contatos de saída																								
Número de contatos NAF	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2
Contatos de ouro																								
LED																							■	■

Acessórios

Tipo	Descrição	Terminais de conexão	Código de estoque	Lote múltiplo
Base para relés				
CR-U2S	Base para relés de 2NAF	Parafuso	1SVR 405 670 R0000	10
CR-U3S	Base para relés de 3NAF		1SVR 405 660 R0000	10
Outros acessórios				
CR-UH	Haste de extração/segurança		1SVR 405 669 R0000	10



Linhas CR-P, CR-M e CR-U

Acessórios plugáveis

Linhas CR-P e CR-M

Código de estoque	1SVR 405 651 R0000	1SVR 405 652 R0000	1SVR 405 652 R1000	1SVR 405 652 R4000	1SVR 405 652 R4100	1SVR 405 652 R9000	1SVR 405 652 R9100	1SVR 405 653 R0000	1SVR 405 653 R4000	1SVR 405 653 R1000	1SVR 405 654 R0000	1SVR 405 654 R1000	1SVR 405 654 R4000	1SVR 405 654 R4100	1SVR 405 654 R0100	1SVR 405 654 R1100	1SVR 405 655 R0000	1SVR 405 655 R1000	1SVR 405 655 R4000	1SVR 405 655 R4100	1SVR 405 655 R0100	1SVR 405 655 R1100	1SVR 405 656 R0000	1SVR 405 656 R1000	1SVR 405 656 R2000
Tipo	CR-P/M 22	CR-P/M 42	CR-P/M 42V	CR-P/M 42B	CR-P/M 42BV	CR-P/M 42C	CR-P/M 42CV	CR-P/M 52B	CR-P/M 52D	CR-P/M 52C	CR-P/M 62	CR-P/M 62V	CR-P/M 62E	CR-P/M 62EV	CR-P/M 92	CR-P/M 92V	CR-P/M 62C	CR-P/M 62CV	CR-P/M 62D	CR-P/M 62DV	CR-P/M 92C	CR-P/M 92CV	CR-P/M 72	CR-P/M 72A	CR-P/M 82
Tensão de alimentação	6 - 230 Vc.c.																								
6 - 24 Vc.c.																									
24 - 60 Vc.c.																									
110 - 230 Vc.c.																									
6 - 24 Vc.a.																									
24 - 60 Vc.a.																									
110 - 230 Vc.a.																									
24 Vc.a.																									
115 Vc.a.																									
230 Vc.a.																									
24 - 240 Vc.a./c.c.																									
Função	Diodo - proteção contra polarização reversa/diodo de roda livre																								
Diodo e LED - proteção contra polarização reversa/diodo de roda livre																									
Componente RC - extinção de arco																									
Diodo e LED																									
Varistor e LED - proteção contra sobretensão																									
Varistor - proteção contra sobretensão																									
Módulo de temporização multifuncional																									
LED vermelho																									
LED verde																									

Acessórios para a linha CR-P

Tipo	Descrição	Terminais de conexão	Código de estoque
Base para relés			
CR-PLS	Base para relés de 1 ou 2NAF	Parafuso	1SVR 405 650 R0000
CR-PLC	Base para relés de 1 ou 2NAF	Mola	1SVR 405 650 R0200
Outros acessórios			
CR-PH	Haste de extração/segurança		1SVR 405 659 R0000
CR-PJ	Barra jumper para bases com conexão parafuso		1SVR 405 658 R5000
CR-P	Plaqueta de identificação		1SVR 405 658 R0000

Acessórios para a linha CR-M

Tipo	Descrição	Terminais de conexão
Base para relés		
CR-M2LS	Base para relés de 2NAF	Parafuso
CR-M3LS	Base para relés de 3NAF	
CR-M4LS	Base para relés de 4NAF	
CR-M2LC	Base para relés de 2NAF	Mola
CR-M4LC	Base para relés de 4NAF	
Outros acessórios		
CR-MH	Haste de plástico de extração/segurança	
CR-MH1	Haste de metal de extração/segurança	
CR-MJ	Barra jumper para bases com conexão parafuso	
CR-M	Plaqueta de identificação	

Linha CR-U

CR-U 21	1SVR 405 661 R0000
CR-U 41	1SVR 405 662 R0000
CR-U 41V	1SVR 405 662 R1000
CR-U 41B	1SVR 405 662 R4000
CR-U 41BV	1SVR 405 662 R4100
CR-U 41C	1SVR 405 662 R9000
CR-U 41CV	1SVR 405 662 R9100
CR-U 51B	1SVR 405 663 R0000
CR-U 51D	1SVR 405 663 R4000
CR-U 51C	1SVR 405 663 R1000
CR-U 61	1SVR 405 664 R0000
CR-U 61V	1SVR 405 664 R1000
CR-U 61E	1SVR 405 664 R4000
CR-U 61EV	1SVR 405 664 R4100
CR-U 91 -	1SVR 405 664 R0100
CR-U 91V	1SVR 405 664 R1100
CR-U 61C	1SVR 405 665 R0000
CR-U 61CV	1SVR 405 665 R1000
CR-U 61D	1SVR 405 665 R4000
CR-U 61DV	1SVR 405 665 R4100
CR-U 91C	1SVR 405 665 R0100
CR-U 91CV 1	1SVR 405 665 R1100
CR-U 71	1SVR 405 666 R0000
CR-U 71A	1SVR 405 666 R1000
CR-U 81	1SVR 405 666 R2000
CR-U T	1SVR 405 677 R0000

Acessórios para a linha CR-U

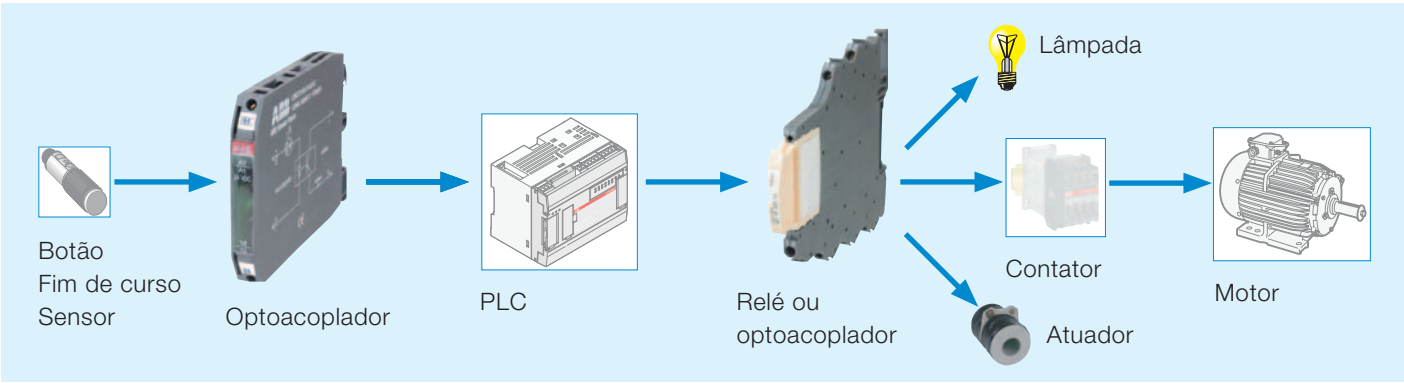
Código de estoque	Tipo	Descrição	Terminais de conexão	Código de estoque
	Base para relés			
1SVR 405 651 R1100	CR-U2S	Base para relés de 2NAF	Parafuso	1SVR 405 670 R0000
1SVR 405 651 R2100	CR-U3S	Base para relés de 3NAF		1SVR 405 660 R0000
1SVR 405 651 R3100	Outros acessórios			
1SVR 405 651 R1200	CR-UH	Haste de extração/segurança		1SVR 405 669 R0000
1SVR 405 651 R3200				

1SVR 405 659 R1000
1SVR 405 659 R1100
1SVR 405 658 R6000
1SVR 405 658 R6000

Linha R600

Borne-relés

Código de estoque	1SNA 645 034 R2300	1SNA 645 036 R2500	1SNA 645 534 R2500	1SNA 645 536 R2700	1SNA 645 069 R0000	1SNA 645 037 R2600	1SNA 645 569 R0000	1SNA 645 537 R2000	1SNA 645 019 R0400	1SNA 645 519 R0600	1SNA 645 014 R2700	1SNA 645 063 R0000	1SNA 645 018 R0300	1SNA 645 514 R2100	1SNA 645 563 R0200	1SNA 645 518 R0500	1SNA 645 064 R0100	1SNA 645 065 R0200	1SNA 645 001 R0300	1SNA 645 005 R0700	1SNA 645 032 R2100	1SNA 645 009 R1300	1SNA 645 033 R2200	1SNA 645 010 R0700	1SNA 645 564 R0300	1SNA 645 565 R0400	1SNA 645 501 R0500	1SNA 645 505 R0100	1SNA 645 532 R2300	1SNA 645 509 R1500	1SNA 645 533 R2400	1SNA 645 510 R0100	1SNA 645 012 R2500	1SNA 645 512 R2700	
Tipo	RB 121-5 Vc.c.	RB 121-5 Vc.c.	RBR 121-5 Vc.c.	RBR 121-5 Vc.c.	RB 121-12 Vc.c.	RB 121-12 Vc.c.	RBR 121-12 Vc.c.	RBR 121-12 Vc.c.	RB 101AR-24 Vc.a./c.c.	RBR 101AR-24 Vc.a./c.c.	RB 111A-24 Vc.a./c.c.	RB 111AI-24 Vc.a./c.c.	RB 111AR-24 Vc.a./c.c.	RBR 111A-24 Vc.a./c.c.	RBR 111AI-24 Vc.a./c.c.	RBR 111AR-24 Vc.a./c.c.	RB 121-24 Vc.c.	RB 121-24 Vc.c.	RB 121A-24 Vc.a./c.c.	RB 121A-24 Vc.a./c.c.	RB 121AI-24 Vc.a./c.c.	RB 121AI-24 Vc.a./c.c.	RB 121AI-24 Vc.a./c.c.	RBR 121-24 Vc.c.	RBR 121-24 Vc.c.	RBR 121A-24 Vc.a./c.c.	RBR 121A-24 Vc.a./c.c.	RBR 121AI-24 Vc.a./c.c.	RBR 121AI-24 Vc.a./c.c.	RBR 121AI-24 Vc.a./c.c.	RBR 121AI-24 Vc.a./c.c.	RB 122A-24 Vc.a./c.c.	RBR 122A-24 Vc.a./c.c.		
Tensão de alimentação	5 Vc.c.																																		
12 Vc.c.																																			
24 Vc.c.																																			
48 - 60 Vc.c.																																			
110 - 115 Vc.c.																																			
230 Vc.c.																																			
60 - 230 Vc.c.																																			
24 Vc.a.																																			
48 - 60 Vc.a.																																			
115 Vc.a.																																			
230 Vc.a.																																			
60 - 230 Vc.a.																																			
Corrente máxima de saída	10 mA - 6 A																																		
1 mA - 6 A																																			
1 mA - 8 A																																			
Contatos de saída	NAF	1	1	1	1	1	1	1									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	
NA											1	1	1	1	1	1																			
NF									1	1																									
Tipo de conexão	Parafuso																																		
Mola																																			



Linhas R500 e R600

Borne-relés extraíveis e optoacopladores

Linha R500

Borne-relés extraíveis

Código de estoque	1 SNA 645 047 R0000	1 SNA 645 547 R0200	1 SNA 645 021 R2600	1 SNA 645 521 R2000	1 SNA 645 049 R1200	1 SNA 645 549 R1400
Tipo	D 2,5/5-R121-24 Vc.c.	D 2,5/5-R121L-24 Vc.c.	D 2,5/5-R121AL-24 Vc.a./c.c.	D 2,5/5-R121AL-48 Vc.a./c.c.	D 2,5/5-R121BL-110 Vc.a.	D 2,5/5-R121BL-230 Vc.a.
Tensão de alimentação						
24 Vc.c.	■	■	■			
48 Vc.c.				■		
24 Vc.a.			■			
48 Vc.a.				■		
110 Vc.a.					■	
230 Vc.a.						■
Contatos de saída						
10 mA - 6 A	■	■	■	■	■	■
Contatos de saída						
NAF	1	1	1	1	1	1
Tipo						
com LED		■	■	■	■	■
sem LED	■					

Linha R600

Optoacopladores

Código de estoque	1 SNA 645 047 R0000	1 SNA 645 547 R0200	1 SNA 645 021 R2600	1 SNA 645 521 R2000	1 SNA 645 049 R1200	1 SNA 645 549 R1400	1 SNA 645 022 R2700	1 SNA 645 522 R2100	1 SNA 645 050 R1700	1 SNA 645 550 R1100	1 SNA 645 051 R0400	1 SNA 645 025 R2200	1 SNA 645 024 R2100	1 SNA 645 551 R0600
Tipo	OBIC 0100 5-12 Vc.c.	OBIC 0100 5-12 Vc.c.	OBIC 0100 24 Vc.c.	OBIC 0100 24 Vc.c.	OBIC 0100 48-60 Vc.a./c.c.	OBIC 0100 48-60 Vc.a./c.c.	OBIC 0100 115-230 Vc.a./c.c.	OBIC 0100 115-230 Vc.a./c.c.	OBIC 1000-5-12 Vc.c.	OBIC 1000-5-12 Vc.c.	OBIC 1000-24 Vc.c.	OBIC 1500-24 Vc.a./c.c.	OBIC 5000-24 Vc.c.	OBIC 1000-24 Vc.c.
Tensão de alimentação														
5 - 12 Vc.c.	■	■							■	■				
24 Vc.c.			■	■							■	■	■	■
48 - 60 Vc.c.					■	■								
115 - 230 Vc.c.							■	■						
115 Vc.c.														
230 Vc.c.							■	■						
24 Vc.a.												■		
48 - 60 Vc.a.					■	■								
115 - 230 Vc.a.							■	■						
115 Vc.a.														
230 Vc.a.														
Corrente máxima de saída														
100 mA	■	■	■	■	■	■	■	■						
2 A									■	■	■	■		■
5 A													■	
1 A														
Tensão máxima de saída														
58 Vc.c.	■	■	■	■	■	■	■	■	■	■	■	■	■	■
400 Vc.a.														
Tipo de conexão														
Parafuso	■		■		■		■		■		■	■	■	
Mola		■		■		■		■		■				■

Acessórios

Tipo	Descrição	Código de estoque	Lote múltiplo
BADH V0	Seção final	1 SNA 116 900 R2700	50
BADL V0	Seção final	1 SNA 399 903 R0200	50
BAM2 V0	Seção final	1 SNA 399 967 R0100	50
SC 612	Separador de seção	1 SNA 290 474 R0200	10
BJ 612-10	Barra jumper de 10 pólos	1 SNA 290 488 R0100	10
BJ 612-70	Barra jumper de 70 pólos	1 SNA 290 489 R0200	10

OBROC 1500-24 Vc.a./c.c.	1 SNA 645 525 R2400
OBROC 5000-24 Vc.c.	1 SNA 645 524 R2300
OBOC 1000-48-60 Vc.a./c.c.	1 SNA 645 053 R0600
OBROC 1000-48-60 Vc.a./c.c.	1 SNA 645 553 R0000
OBOC 1000-115 Vc.a./c.c.	1 SNA 645 054 R0700
OBOC 5000-115 Vc.a./c.c.	1 SNA 645 058 R1300
OBROC 1000-115 Vc.a./c.c.	1 SNA 645 554 R0100
OBROC 5000-115 Vc.a./c.c.	1 SNA 645 558 R1500
OBOC 1000-230 Vc.a./c.c.	1 SNA 645 026 R2300
OBOC 5000-230 Vc.a./c.c.	1 SNA 645 059 R1400
OBROC 1000-230 Vc.a./c.c.	1 SNA 645 526 R2500
OBROC 5000-230 Vc.a./c.c.	1 SNA 645 559 R1600
OBOA 1000-24 Vc.c.	1 SNA 645 027 R2400
OBOA 2000-24 Vc.c.	1 SNA 645 029 R0600
OBROA 1000-24 Vc.c.	1 SNA 645 527 R2600
OBROA 2000-24 Vc.c.	1 SNA 645 529 R0000
OBOA 1000-48-60 Vc.a./c.c.	1 SNA 645 061 R0600
OBROA 1000-48-60 Vc.a./c.c.	1 SNA 645 561 R0000
OBOA 1000-115 Vc.a./c.c.	1 SNA 645 062 R0700
OBROA 1000-115 Vc.a./c.c.	1 SNA 645 562 R0100
OBOA 1000-230 Vc.a./c.c.	1 SNA 645 028 R0500
OBROA 1000-230 Vc.a./c.c.	1 SNA 645 528 R0700

Contato

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