

3RB20, 3RB21 for standard applications

3RB20 solid-state overload relays with <u>screw connection</u> on auxiliary current side for direct mounting and stand-alone installation $^{2)3}$, CLASS 10 and CLASS 20

- Overload protection, phase failure protection and unbalance protection
- Internal power supply
- Auxiliary contacts 1 NO + 1 NC

- Manual and automatic RESET
- · Switch position indicator
- TEST function and self-monitoring

,							
	Size Con-tactor ⁴⁾	Set current value of the inverse-time delayed overload trip	Order No.	List Price \$	Weight per PU approx.		
					l.m		
Size S00 ¹⁾		A			kg		
3126 300	S00	0.1 0.4	3RB20 16- 1RB0	82.00	0.200		
-	000	0.32 1.25	3RB20 16- 1NB0	82.00	0.200		
S 5 - 1		1 4	3RB20 16- 1PB0	82.00	0.200		
		3 12	3RB20 16- 1SB0	82.00	0.200		
The same of the sa							
3RB20 16-1RB0 Size S0 ¹⁾							
Size Su /	S0	3 12	3RB20 26- 1SB0	85.00	0.220		
711	30	6 25	3RB20 26- 1QB0	85.00	0.220		
THE PARTY AND		o 20	011520 20 1450	55.55	0.220		
S. 2							

3RB20 26-1QB0							
Size S2 1)3)5)							
333.4	S2	6 25	3RB20 36- 1QB0 3RB20 36- 1QW1	94.00 109.00	0.360 0.230		
(C)		12.5 50	3RB20 36- 1UB0	162.00	0.230		
0.4- 20		12.5 50	3RB20 36- 1UW1	177.00	0.230		
					5.255		
3RB20 36-1UB0							
Size S3 ¹⁾³⁾⁵⁾							
REEL	S3	12.5 50	3RB20 46- 1UB0	192.00	0.560		
STORY OF THE PARTY		25 100	3RB20 46- 1EB0	255.00	0.560		
(a)			3RB20 46- 1EW1	270.00	0.450		
TINTE!							
3RB20 46-1EB0							
Size S6 ²⁾⁵⁾							
O M O	S6	50 200	3RB20 56- 1FC2	300.00	1.030		
1			3RB20 56- 1FW2	320.00	0.690		
5.4							
· · inim							
3RB20 56-1FW2							
Size S10/S12 ²⁾	040/0:5	55 050	0BB00 00 1000				
Section 1	S10/S12 and size 14	55 250 160 630	3RB20 66- 1GC2 3RB20 66- 1MC2	377.00 540.00	1.820 1.820		
THE PARTY NAMED IN	(3TF68/	160 630	3RB20 00- TMC2	540.00	1.820		
rivers	3TF69)						
M M M			2 Class 20, S00 a	and S0 add \$ 5.00 nd S3 add \$ 10.00			
3RB20 66-1MC2			S6 ar	nd S3 add \$ 10.00 nd S12 add \$ 20.00			
			1 Class 10				

- The relays with an Order No. ending with "0" are designed for direct mounting to the contactor. With the matching terminal brackets (see Accessories) the sizes S00 and S0 can also be installed as stand-alone units.
- 2) The relays with an Order No. ending with "2" are designed for direct mounting and stand-alone installation. For 3TF68/3TF69 contactors, direct mounting is not possible.
- The relays with an Order No. ending with "1" are designed for stand-alone installation.
- 4) Observe maximum rated operational current of the devices.
- The relays with an Order No. with "W" in 11th position are equipped with a straight-through transformer.

3RB20, 3RB21 for standard applications



3RB20 solid-state overload relays with <u>spring-loaded terminals</u> on the auxiliary current side for direct mounting $^{1)2)}$ and stand-alone installation $^{2)3)}$, CLASS 10 and CLASS 20

- Overload protection, phase failure protection and unbalance protection
- İnternal power supply
- Auxiliary contacts 1 NO + 1 NC

- · Manual and automatic RESET
- Switch position indicator
- TEST function and self-monitoring

	Size Con-tactor ⁴⁾	Set current value of the inverse-time delayed overload trip	Order No.	List Price \$	Weight per PU approx.
		A			kg
Size S00 ¹⁾					
TIME	S00	0.1 0.4	3RB20 16- 1 RD0	87.00	0.200
1		0.32 1.25	3RB20 16- 1 ND0	87.00	0.200
E .		1 4	3RB20 16- <mark>1</mark> PD0	87.00	0.200
		3 12	3RB20 16- 1 SD0	87.00	0.200
0DD00 40 4DD0					
3RB20 16-1RD0 Size S0 ¹⁾					
312e 30 ·	S0	3 12	3RB20 26- 1 SD0	90.00	0.220
- 11	30	6 25	3RB20 26- 1 QD0	90.00	0.220
3RB20 26-1QD0		· · · · 23	311525 25-1 455	30.00	0.220
Size S2 ¹⁾³⁾⁵⁾					
0120 02	S2	6 25	3RB20 36- 1 QD0	99.00	0.360
334.5	02	0 23	3RB20 36- 1 QX1	114.00	0.230
FEE 4		12.5 50	3RB20 36- 1 UD0	167.00	0.360
2.0		.2.5 65	3RB20 36-1 UX1	182.00	0.230
3RB20 36-1UD0					
Size S3 ¹⁾³⁾⁵⁾					
REEL	S3	12.5 50	3RB20 46- 1 UD0	197.00	0.560
The same of the sa		25 100	3RB20 46- 1 ED0	260.00	0.560
2			3RB20 46-1 EX1	275.00	0.450
3RB20 46-1ED0					
Size S6 ²⁾⁵⁾					
	S6	50 200	3RB20 56- 1 FF2 3RB20 56- 1 FX2	305.00 325.00	1.030 0.690
3RB20 56-1FX2					
Size S10/S12 ²⁾					
전 전 21	S10/S12	55 250	3RB20 66- 1 GF2	382.00	1.820
	and size 14 (3TF68/ 3TF69)	160 630	3RB20 66- 1 MF2	545.00	1.820
3RB20 66-1MF2			2 Class 201 Class 10	, S00 and S0 add \$ 5.00 S2 and S3 add \$ 10.00 S6 and S12 add \$ 20.00	

- The relays with an Order No. ending with "0" are designed for direct mounting to the contactor. With the matching terminal brackets (see Accessories) the sizes S00 and S0 can also be installed as stand-alone units.
- 2) The relays with an Order No. ending with "2" are designed for direct mounting and stand-alone installation. For 3TF68/3TF69 contactors, direct mounting is not possible.
- The relays with an Order No. ending with "1" are designed for stand-alone installation.
- 4) Observe maximum rated operational current of the devices.
- The relays with an Order No. with "X" in 11th position are equipped with a straight-through transformer.



3RB20, 3RB21 for standard applications

3RB21 solid-state overload relays with <u>screw connection</u> on auxiliary current side for direct mounting $^{1)2)}$ and stand-alone installation $^{2)3)$, CLASS $\overline{5}$, $\overline{10}$, 20 and 30 adjustable

- Overload protection, phase failure protection and unbalance protection
- Internal ground fault detection (activatable)
- Internal power supply
- Auxiliary contacts 1 NO + 1 NC

- Manual and automatic RESET
- Electrical remote RESET integrated
- Switch position indicator
- TEST function and self-monitoring

	Size Con-tactor ⁴⁾	Set current value of the inverse-time delayed overload trip	With screw connection on aux	With screw connection on auxiliary current side	
			Order No.	List	
				Price \$	kg
Size S00 ¹⁾					
I LeLe S	600	0.1 0.4	3RB21 13-4RB0	134.00	0.20
100 000		0.32 1.25	3RB21 13-4NB0	134.00	0.20
0.46		1 4	3RB21 13-4PB0	134.00	0.20
		3 12	3RB21 13-4SB0	134.00	0.20

RB21 13-4RB0					
Size S0 ¹⁾					
1111 S	30	3 12	3RB21 23-4SB0	145.00	0.22
MINISTER OF THE PERSON NAMED IN		6 25	3RB21 23-4QB0	145.00	0.22
200					

RB21 23-4QB0					
Size S2 ¹⁾³⁾⁵⁾					
ARRI S	32	6 25	3RB21 33-4QB0	160.00	0.30
-			3RB21 33-4QW1	175.00	0.23
200		12.5 50	3RB21 33-4UB0	214.00	0.3
HEAR			3RB21 33-4UW1	230.00	0.2
THE REAL PROPERTY.					
RB21 33-4UB0					
Size S3 ¹⁾³⁾⁵⁾					
HRRI S	63	12.5 50	3RB21 43-4UB0	270.00	0.56
STATE OF THE PARTY		25 100	3RB21 43-4EB0	357.00	0.56
5.43			3RB21 43-4EW1	372.00	0.4
77777					
Section 1					
RB21 43-4EB0					
Size S6 ²⁾⁵⁾	20	50 000	ODD04 50 4500	400.00	4.00
DI IN AND	66	50 200	3RB21 53-4FC2	490.00	1.03
			3RB21 53-4FW2	510.00	0.69
0.40					
· mm·					
RB21 53-4FC2					
Size S10/S12 ²⁾					
	S10/S12	55 250	3RB21 63-4GC2	528.00	1.82
	and size 14	160 630	3RB21 63-4MC2	756.00	1.8
CONTRACTOR (3TF68/	100 030	SUBST 03-4MCS	700.00	1.8
- from	3TF69)				
RB21 63-4MC2					
	o al a o NI	ng with "0" are designed for direc	0) The 1	ler No. ending with "1" are desi	and a self and the self of

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- 2) The relays with an Order No. ending with "2" are designed for direct mounting and stand-alone installation. For 3TF68/3TF69 contactors, direct mounting is not possible.
- The relays with an Order No. ending with "1" are designed for stand-alone installation.
- 4) Observe maximum rated operational current of the devices.
- The relays with an Order No. with "W" in 11th position are equipped with a straight-through transformer.

3RB20, 3RB21 for standard applications



3RB21 solid-state overload relays with <u>spring-loaded terminals</u> on the auxiliary current side for direct mounting $^{1)2)}$ and stand-alone installation $^{1)3)}$, CLASS 5, $1\overline{0}$, 20 and 30 adjustable

- Overload protection, phase failure protection and unbalance protection
- Internal ground fault detection (activatable)
- Internal power supply
- Auxiliary contacts 1 NO + 1 NC

- Manual and automatic RESET
- Electrical remote RESET integrated
- Switch position indicator
- TEST function and self-monitoring

raxillary contacts	10 1 110						
	Size Con-tactor ⁴⁾	Set current value of the inverse-time delayed	With spring-loaded terminals on auxiliary current side		Weight per PU approx.		
		overload trip	Order No.	List			
		A		Price \$	kg		
Size S00 ¹⁾							
Let le	S00	0.1 0.4	3RB21 13-4RD0	144.00	0.200		
1 de la constante de la consta		0.32 1.25	3RB21 13-4ND0	144.00	0.200		
C. 100		1 4	3RB21 13-4PD0	144.00	0.200		
		3 12	3RB21 13-4SD0	144.00	0.200		
3RB21 13-4RD0							
Size S0 ¹⁾							
1 111	S0	3 12	3RB21 23-4SD0	150.00	0.220		
Mark Control		6 25	3RB21 23-4QD0	150.00	0.220		
4							
3RB21 23-4QD0 Size S2 ¹⁾³⁾⁵⁾							
Size Sz ⁻ /-/-/	00	0.05	0DD04 00 40D0	405.00	0.000		
2227	S2	6 25	3RB21 33-4QD0	165.00	0.360		
STATE OF		10.5	3RB21 33-4QX1	180.00	0.230		
(a) ◆ (b)		12.5 50	3RB21 33-4UD0	219.00	0.360		
			3RB21 33-4UX1	235.00	0.230		
3RB21 33-4UD0							
Size S3 ¹⁾³⁾⁵⁾							
Size SS	S3	12.5 50	3RB21 43-4UD0	275.00	0.560		
A A A A	33	25 100	3RB21 43-4ED0				
NAME OF TAXABLE PARTY.		25 100		362.00	0.560		
			3RB21 43-4EX1	377.00	0.450		
3RB21 43-4ED0							
Size S6 ²⁾⁵⁾							
0 * 0	S6	50 200	3RB21 53-4FF2	495.00	1.030		
			3RB21 53-4FX2	515.00	0.690		
3RB21 53-4FX2							
Size S10/S12 ²⁾							
0.4.0	S10/S12 and size 14	55 250	3RB21 63-4GF2	533.00	1.820		
3RB21 63-4MF2	(3TF68/ 3TF69)	160 630	3RB21 63-4MF2	761.00	1.820		
	er No endina witl	n "0" are designed for direct	3) The relays with an Order No. 6	anding with "1" are design	ned for stand-alon		
1, 1110 TOTAYS WILL ALL OLU	or rao. Oriented Witi	i 🐱 alo acolgilca foi alloct	o, incleiavo williali Oldel NO. e	znama with i are uesiul	iou ioi stariu-alorit		

- The relays with an Order No. ending with "0" are designed for direct mounting to the contactor. With the matching terminal brackets (see Accessories) the sizes S00 and S0 can also be installed as stand-alone units.
- 2) The relays with an Order No. ending with "2" are designed for direct mounting and stand-alone installation. For 3TF68/3TF69 contactors, direct mounting is not possible.
- 3) The relays with an Order No. ending with "1" are designed for stand-alone installation.
- 4) Observe maximum rated operational current of the devices.
- 5) The relays with an Order No. with "X" in 11th position are equipped with a straight-through transformer.