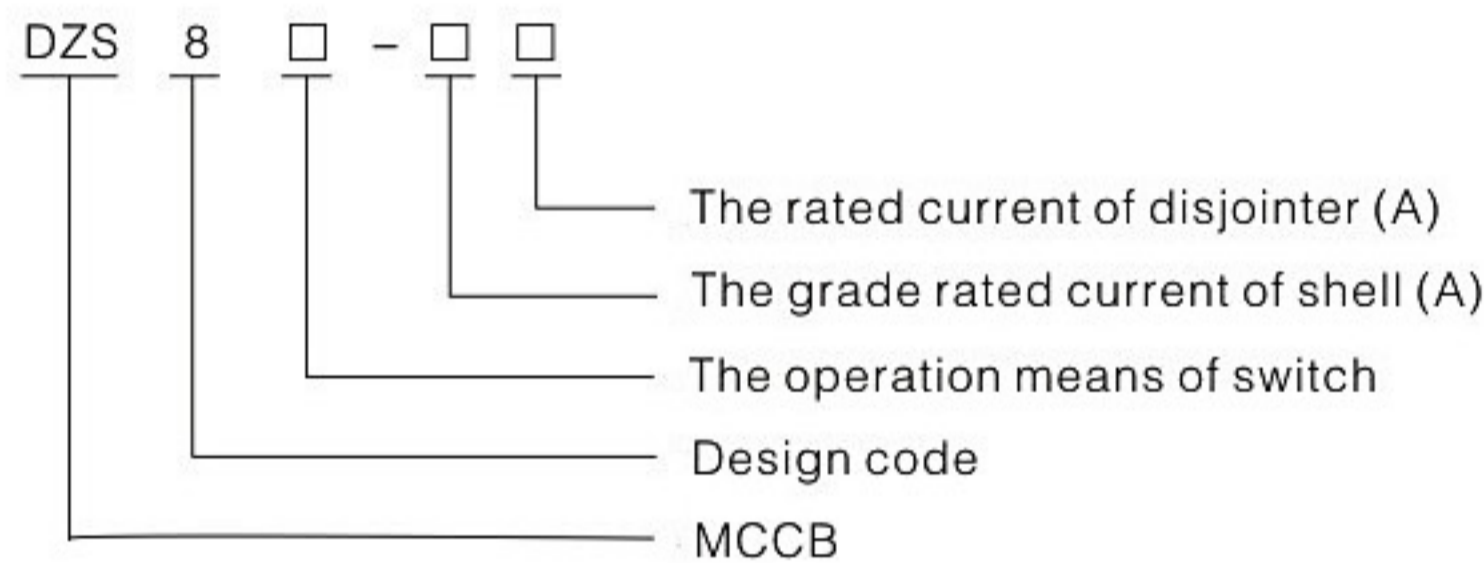
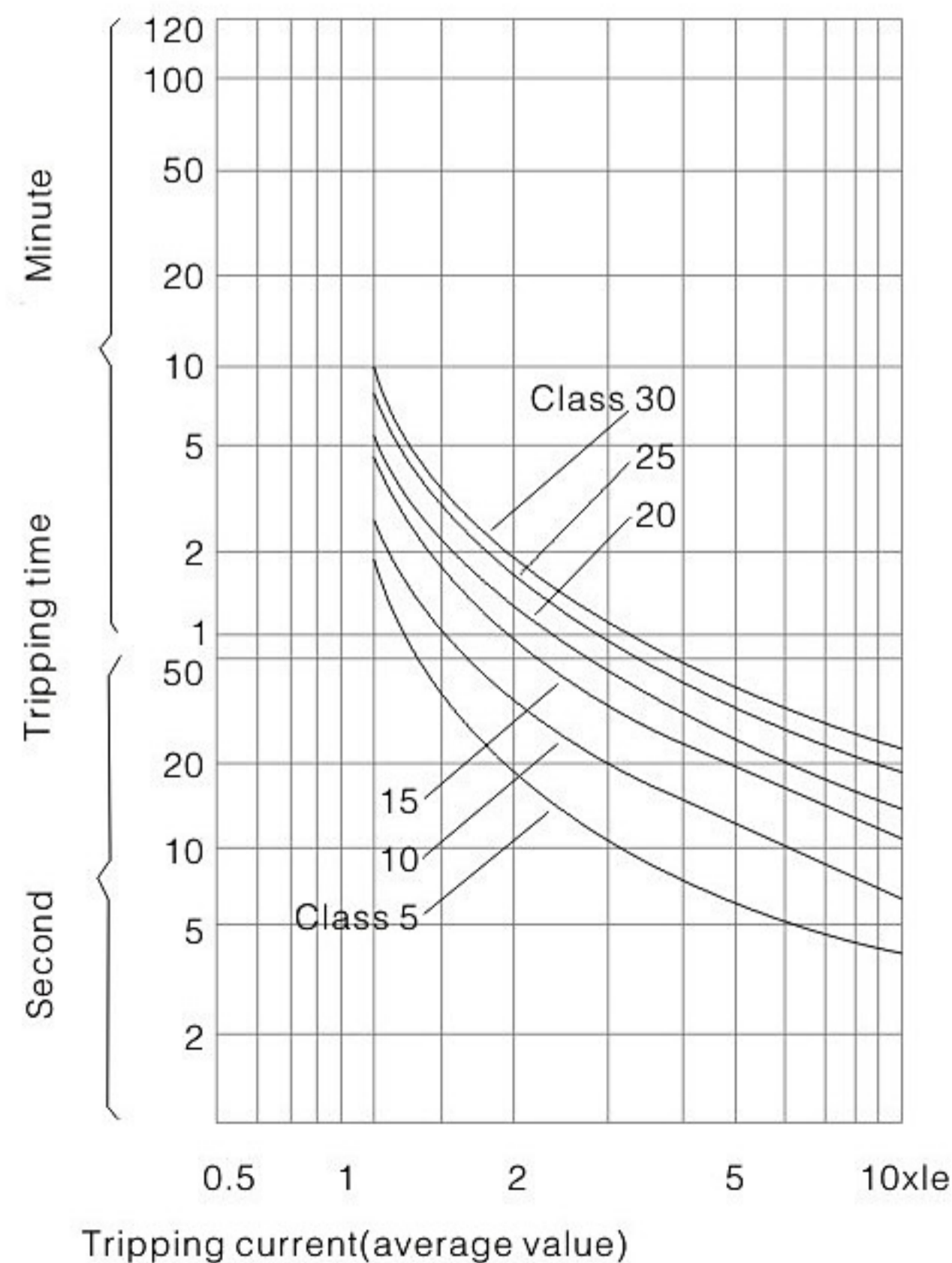


DZS8 (3RV) series motor protection circuit breaker (motor protection switch) is suitable for circuits with AC 50/60Hz, rated working voltage 660V, and rated current 0.11A-25A. It is used for starting and disconnecting three-phase induction motors, as well as for phase loss, overload, and short circuit protection. It can also be used for distribution line protection and as an isolator.

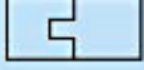
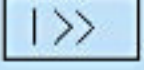
The model and meaning



Specifications



Specifications

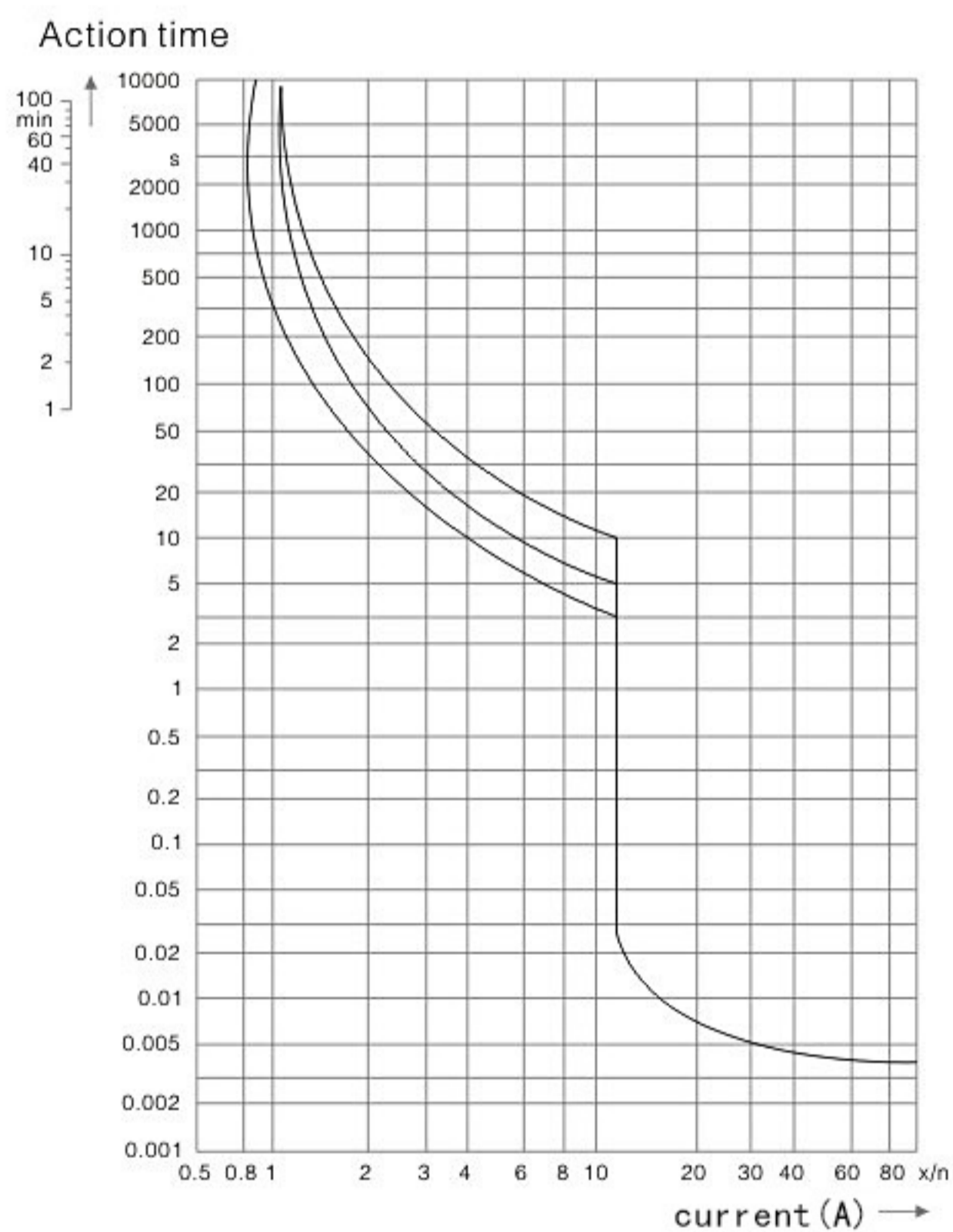
Rated Current (A)	Applicable three-phase AC electromotor ¹⁾ Pn	thermal overloading disjoints 	Instantaneous over current disjoints 	Short circuit and beraking capacity under the condition of AC 400V	The maximum rated current of the breaker to 25A
A	kW	A	A	kA	Order number
0.16	0.04	0.11-0.16	2.1	100	3RV1011-0AA10
0.2	0.06	0.14-0.2	2.6	100	3RV1011-0BA10
0.25	0.06	0.18-0.25	3.3	100	3RV1011-0CA10
0.32	0.09	0.22-0.32	4.2	100	3RV1011-0DA10
0.4	0.09	0.28-0.4	5.2	100	3RV1011-0EA10
0.5	0.12	0.35-0.5	6.5	100	3RV1011-0FA10
0.63	0.18	0.45-0.63	8.2	100	3RV1011-0GA10
0.8	0.18	0.55-0.8	10	100	3RV1011-0HA10
1	0.25	0.7-1	13	100	3RV1011-0JA10
1.25	0.37	0.9-1.25	16	100	3RV1011-0KA10
1.6	0.55	1.1-1.6	21	100	3RV1011-1AA10
2	0.75	1.4-2	26	100	3RV1011-1BA10
2.5	0.75	1.8-2.5	33	100	3RV1011-1CA10
3.2	1.1	2.2-3.2	42	100	3RV1011-1DA10
4	1.5	2.8-4	52	100	3RV1011-1EA10
5	1.5	3.5-5	65	100	3RV1011-1FA10
6.3	2.2	4.5-6.3	82	100	3RV1011-1GA10
8	3	5.5-8	104	50	3RV1011-1HA10
10	4	7-10	130	50	3RV1011-1JA10
12	5.5	9-12	156	50	3RV1011-1KA10
0.16	0.04	0.11-0.16	2.1	100	3RV1021-0AA10
0.2	0.06	0.14-0.2	2.6	100	3RV1021-0BA10
0.25	0.06	0.18-0.25	3.3	100	3RV1021-0CA10
0.32	0.09	0.22-0.32	4.2	100	3RV1021-0DA10
0.4	0.09	0.28-0.4	5.2	100	3RV1021-0EA10
0.5	0.12	0.35-0.5	6.5	100	3RV1021-0FA10
0.63	0.18	0.45-0.63	8.2	100	3RV1021-0GA10
0.8	0.18	0.55-0.8	10	100	3RV1021-0HA10
1	0.25	0.7-1	13	100	3RV1021-0JA10
1.25	0.37	0.9-1.25	16	100	3RV1021-0KA10
1.6	0.55	1.1-1.6	21	100	3RV1021-1AA10
2	0.75	1.4-2	26	100	3RV1021-1BA10
2.5	0.75	1.8-2.5	33	100	3RV1021-1CA10
3.2	1.1	2.2-3.2	42	100	3RV1021-1DA10
4	1.5	2.8-4	52	100	3RV1021-1EA10
5	1.5	3.5-5	65	100	3RV1021-1FA10
6.3	2.2	4.5-6.3	82	100	3RV1021-1GA10
8	3	5.5-8	104	100	3RV1021-1HA10
10	4	7-10	130	100	3RV1021-1JA10
12.5	5.5	9-12.5	163	100	3RV1021-1KA10
16	7.5	11-16	208	50	3RV1021-4AA10
20	7.5	14-20	260	50	3RV1021-4BA10
22	11	17-22	286	50	3RV1021-4CA10
25	11	20-25	325	50	3RV1021-4DA10

The recommended data for four-phase standard electromotor under the condition of AC50Hz, 400V. What affects the product most is the factual starting data and rated data of the protected electromotor.

The Protection Characteristic Against Over-current of The Breaker

The multiple of rated current	Starting state	Stipulated time	Due result	The temperature of ambient air
1.05	Cold state	$t \geq 2h$	No disjoints	+20°C ± 2°C
1.2	Hot state (rises up to the stipulated current after following the test of No 1)	$t < 2h$	Disjoints	
1.5	One-time commuting current Starts after the bot balance	$t < 2min$	Disjoints	
7.2	Cold state	$2 < t \leq 10s$	Disjoints	

Tripping Characteristic Curve

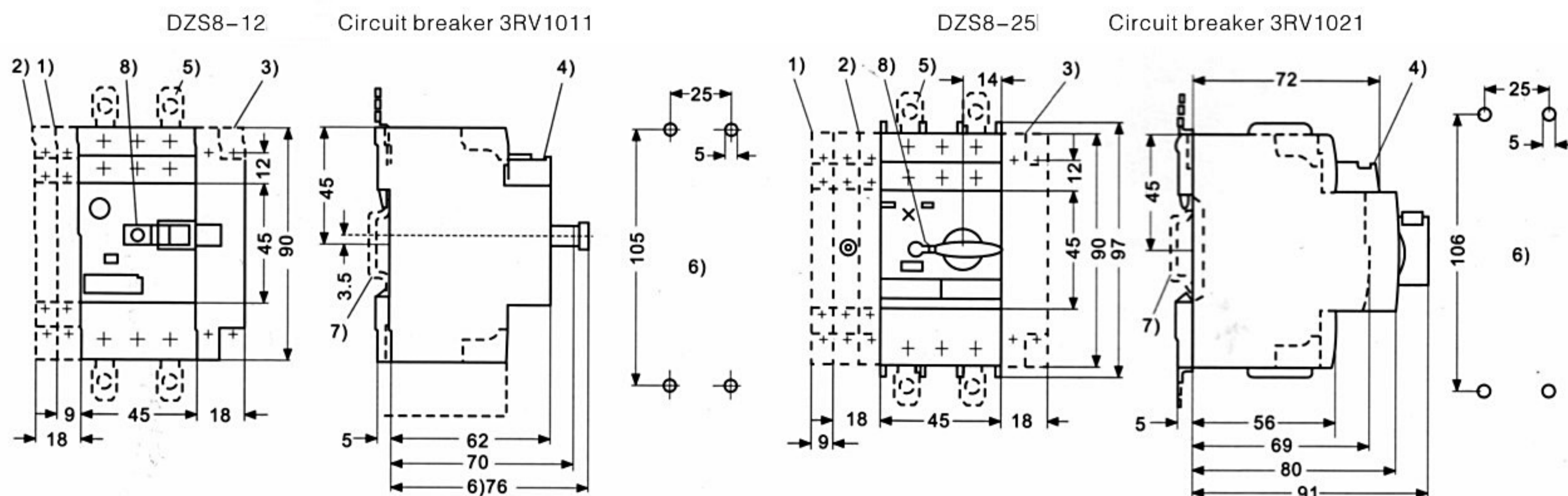


Load tripping grade of the phasel and phase 2 is 10

Load tripping grade of the phase2 and phase 3 is 10

Load tripping grade of the phase3 and phase 3 is 10

The external fixing dimension



1. 2-pole side supplementary switch; 2. signal switch or 4-pole side supplementary switch; 3. supplementary releaser;
4. transverse supplementary contact; 5. patching slice for screw installation; 6. punching template; 7. 35mm standard installation guideway;
8. lock the location of breaking the diameter of the staple is 3.5mm or 4.5mm.