

# Power supplies and transformers

Power supplies for d.c. control circuits  
Upstream protection for Phaseo regulated switch mode power supplies

## ABL-7RU, ABL-7RE and ABL-7RP power supplies: protection of the power supply line

Type de supply	a 400 V 3-phase			a 480 V 3-phase		
Type of protection	Thermal-magnetic circuit-breaker		Fuse	Thermal-magnetic circuit-breaker		Fuse
3-pole	GV2-RT	C60N		GV2-RT	C60N	
ABL-7RU2410	GV2-RT05 adjustment 0.63	MG24532	1 A aM	GV2-RT04 adjustment 0.5 A	MG 24532	1 A aM
ABL-7RU2420	GV2-RT06 adjustment 1A	MG24533	2 A gG	GV2-RT05 adjustment 0.8 A	MG 24533	2 A gG
ABL-7RU2430	GV2-RT06 adjustment 1.2	MG24533	2 A gG	GV2-RT06 adjustment 1 A	MG 24533	2 A gG
ABL-7RU2440	GV2-RT07 adjustment 2 A	MG24534	4 A gG	GV2-RT06 adjustment 1.5 A	MG 24534	2 A gG
Type of supply	a 115 V single-phase			a 230 V single-phase		
Type of protection	Thermal-magnetic circuit-breaker		gG fuse	Thermal-magnetic circuit-breaker		gG fuse
Single-pole 2-pole	GB2-CBpp GB2-DBpp	C60N		GB2-DBpp	C60N	
ABL-7RE2402	GB2-pB07	MG24517	2A	GB2-DB06	MG 24516	2 A
ABL-7RE2403	GB2-pB07	MG24517	2 A	GB2-DB06	MG 24516	2 A
ABL-7RE2405	GB2-pB08	MG24518	4 A	GB2-DB07	MG 17453	2 A
ABL-7RE2410	GB2-pB12	MG17454	6 A	GB2-DB08	MG24518	4 A
ABL-7RP2403	GB2-pB07	MG 24517	2 A	GB2-DB07	MG24516	2 A
ABL-7RP2405	GB2-pB07	MG24517	2 A	GB2-DB07	MG24516	2 A
ABL-7RP2410	GB2-pB09	MG24519	4 A	GB2-DB07	MG24516	2 A
ABL-7RP4803	GB2-pB07	MG24517	2 A	GB2-DB07	MG24516	2 A

**ABL-6RT power supplies: protection of the power supply line**

Type of supply	a 400 V 3-phase				
Type of protection	Thermal-magnetic 3-pole circuit-breaker	Thermal regulation	C60N	FNQ fuse UL listed (1)	aM fuse
ABL-6RT2410	GV2-RT05	0.63 A	MG 24532	0.5 A T	2 A
ABL-6RT2420	GV2-RT07	1.6 A	MG 24533	1.125 A T	4 A
ABL-6RT2430	GV2-RT07	2 A	MG 24533	1.6 A T	4 A
ABL-6RT2440	GV2-RT08	2.6 A	MG 24534	2.5 A T	4 A

**ABL-6RF power supplies: protection of the power supply line**

Type of supply	a 230 V single-phase				400 V a single-phase		
Type of protection	Thermal-magnetic circuit-breaker	MDL fuse UL listed (1)	aM fuse	Thermal-magnetic circuit-breaker	FNQ fuse UL listed (1)	aM fuse	
Single-pole 2-pole	GB2-CBpp GB2-DBpp	— C60N	— —	— GB2-DBpp	— C60N	— —	— —
ABL-6RF2401	GB2-pB05	MG 24516	0.315 A T	0.5 A	—	MG 24516	0.15 A T
ABL-6RF2402	GB2-pB06	MG 24516	0.63 A T	0.5 A	GB2-DB05	MG 24516	0.3 A T
ABL-6RF2405	GB2-pB07	MG 17453	1.4 A T	2 A	GB2-DB06	MG 24516	0.6 A T
ABL-6RF2410	GB2-pB09	MG 24519	3.15 A T	4 A	GB2-DB07	MG 17453	1.25 A T
ABL-6RF2415	GB2-pB10	MG 17454	5 A T	6 A	GB2-DB08	MG 24517	2 A T
ABL-6RF2420	GB2-pB14	MG 24520	6 A T	6 A	GB2-DB14	MG 24518	2.5 A T

(1) For operation conforming to UL