



680100040

TR28 series control and safety or isolating transformers

Control and safety or isolating single-phase transformers supply high instantaneous power for the correct operation of contactors and other operation and switchgear.

- DIN rail mountable (up to 400VA)
- High flexibility - several primary rated voltages (with regulation taps +20V or -20V)
- Serial-parallel secondary bridge pieces for ease of connection
- High capacity clamp terminals (10 mm² up to 400VA / 25 mm² up to 1250VA)

Primary voltages: 240V - 400V - 525V (with regulation taps + and - 20V)
 Secondary voltages: 12 - 24V (or) 115 - 230V
 Protection degree: IP20 protection (finger safe)
 Thermal class: B (130°C)
 Class: Class I
 Frequency: 50/60 Hz
 Dielectric strength: Primary - secondary > 4.5kV
 Standards: IEC/EN 61558-1, IEC/EN 61558-2-2 /-2-4 /-2-6



680320042



680630042

type	power (VA)		inrush VA	secondary voltage	dimensions (mm)			weight kg
	t _a 25°C	t _a 40°C			(H)	(W)	(D)	

TR 28 - secondary voltage: 12 - 24V

– Primary voltage: 240V - 400V - 525V

680040040	40	25	75	12 - 24V	113	84	96	1.17
680063040	63	40	120	12 - 24V	113	84	105	1.48
680100040	100	63	150	12 - 24V	113	84	112	1.83
680200040	200	160	350	12 - 24V	113	84	131	2.73
680320040	320	250	600	12 - 24V	135	108	138	4.45
680400040	400	320	800	12 - 24V	135	108	148	5.00
680630040	630	500	1275	12 - 24V	152	120	156	7.08
680800040	800	630	1700	12 - 24V	177	150	140	8.68
681000040	1000	800	2100	12 - 24V	177	150	160	11.50
681250040	1250	1000	3300	12 - 24V	177	150	183	14.40

TR 28 - secondary voltage: 115 - 230V

– Primary voltage: 240V - 400V - 525V

680040042	40	25	75	115 - 230V	113	84	96	1.17
680063042	63	40	120	115 - 230V	113	84	105	1.48
680100042	100	63	150	115 - 230V	113	84	112	1.83
680130042	130	100	230	115 - 230V	113	84	116	1.83
680200042	200	160	350	115 - 230V	113	84	131	2.73
680320042	320	250	600	115 - 230V	135	108	138	4.45
680400042	400	320	800	115 - 230V	135	108	148	5.00
680630042	630	500	1275	115 - 230V	152	120	156	7.08
680800042	800	630	1700	115 - 230V	177	150	140	8.68
681000042	1000	800	2100	115 - 230V	177	150	160	11.50
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