

Control, safety and circuit isolation transformers

single-phase



0 442 14



0 442 68



0 442 71

Technical characteristics p. 363
Protection see e-catalogue

IP 2X or XXB up to 400 V~ (coupling strip not mounted) - IP XXA over 400 V~ - IK 04
Conform to IEC EN 61558-2-2 and 2-4 or 2-6, UL506 and CSA C22-2-No 66
UL USA and Canada agreements. Products suitable for building equipment conforming to standards EN 61131-2, EN 60204-1 and EN 60439-1
Active parts protected by cover up to 1000 V~. Interference filtering (except Cat.Nos 0 442 16/17/18)
Direct fixing possibility on symmetrical rail up to 250 V~. Supplied with coupling strip 0 V secondary / earth up to 1000 V~ (except spring connection range)

Pack	Cat.Nos	Control and safety - screw connection		
		Input voltage = 230 V-400 V ± 15 V~		
		Output voltage = 24 V~		
		Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos = 0.5
1	0 442 11	40	40	50
1	0 442 12	63	63	88
1	0 442 13	100	100	170
1	0 442 14	160	140	250
1	0 442 15	250	210	420
1	0 442 16	400	300	850
1	0 442 17	630	500	1500
1	0 442 18	1000	700	2000
		Input voltage = 460 V ± 20 V~		
		Output voltage = 24 V~		
1	0 442 41	40	40	55
1	0 442 42	63	63	90
1	0 442 43	100	100	150
1	0 442 44	160	140	270
1	0 442 45	250	210	420
1	0 442 46	400	300	980
1	0 442 47	630	450	1000
1	0 442 48	1000	700	2000
1	0 442 49	1600	700	9100
1	0 442 50	2500	1400	3300
		Input voltage = 230-400 V ± 15 V~		
		Output voltage = 24-48 V~		
		Supplied with 2 coupling strips		
1	0 442 31	40	40	52
1	0 442 32	63	63	87
1	0 442 33	100	100	150
1	0 442 34	160	140	250
1	0 442 35	250	210	420
1	0 442 36	400	300	700
1	0 442 37	630	500	1700
1	0 442 38	1000	700	2000
1	0 442 39	1600	700	8500
1	0 442 40	2500	1400	3300

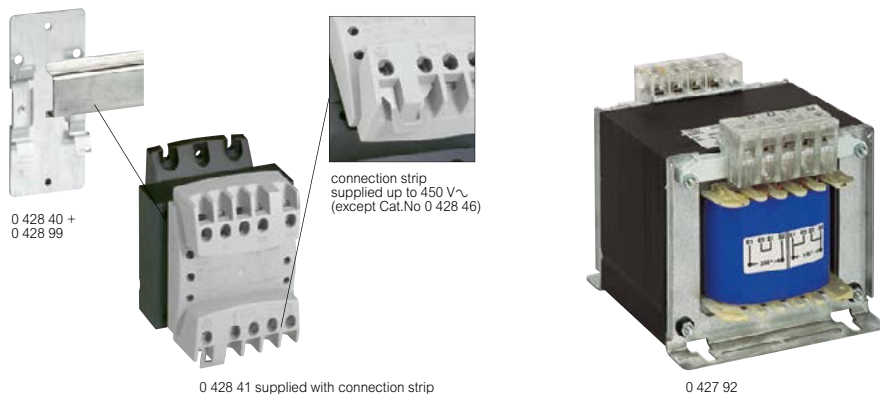
Pack	Cat.Nos	Control and circuit isolation- screw connection		
		Input voltage = 230-400 V ± 15 V~		
		Output voltage = 115-230 V~		
		Supplied with 2 coupling strips		
		Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos = 0.5
1	0 442 61	40	40	50
1	0 442 62	63	63	86
1	0 442 63	100	100	150
1	0 442 64	160	140	250
1	0 442 65	250	210	430
1	0 442 66	400	300	1100
1	0 442 67	630	500	1600
1	0 442 68	1000	700	2000
1	0 442 69	1600	700	6100
1	0 442 70	2500	1300	7100
1	0 442 71	4000	2400	11400
1	0 442 72	5000	3300	17500
1	0 442 73	6300	3700	16000
1	0 442 74	8000	4500	32100
		Input voltage = 460 V ± 20 V~		
		Output voltage = 115-230 V~		
		Supplied with 2 coupling strips		
		Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos = 0.5
1	0 442 81	40	40	50
1	0 442 82	63	63	86
1	0 442 83	100	100	150
1	0 442 84	160	140	250
1	0 442 85	250	210	430
1	0 442 86	400	300	1100
1	0 442 87	630	500	1600
1	0 442 88	1000	700	2000
1	0 442 89	1600	700	6100
1	0 442 90	2500	1300	7100
1	0 442 91	4000	2400	11400

Pack	Cat.Nos	Control and safety - spring connection		
		Input voltage = 230-400 V ± 15 V~		
		Output voltage = 24 V~		
		Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos = 0.5
1	0 442 01	40	40	50
1	0 442 02	63	63	88
1	0 442 03	100	100	170
1	0 442 04	160	140	250
1	0 442 05	250	210	420
1	0 442 06	400	300	850

Pack	Cat.Nos	Control and circuit isolation - spring connection		
		Input voltage = 230-400 V ± 15 V~		
		Output voltage = 230 V~		
		Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos = 0.5
1	0 442 51	40	40	50
1	0 442 52	63	63	86
1	0 442 53	100	100	150
1	0 442 54	160	140	250
1	0 442 55	250	210	360
1	0 442 56	400	300	1100

Equipment transformers

single-phase



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IP 2X or XXB up to 450 V \sim - up to 310 V \sim in 12-24 V - (coupling strip not mounted) - IK 04
 Clip on fixing possibility up to 160 V \sim with accessories Cat.No 0 044 16 or 0 428 99
 Transformers with 2 secondary voltage supplied with coupling strip
 Transformers up to 450 V \sim supplied with isolated strip for 0 V connection secondary / earth (except Cat.No 0 428 46)
 Conform to IEC EN 61558-2-6 for 12 V, 24 V and 48 V and conform to IEC EN 61558-2-4 for 115 V and 230 V
 Products suitable for building equipment conforming to standards EN 61131-2, EN 60204-1 and EN 61 439-1

Pack	Cat.Nos	Safety		
		Input voltage = 230-400 V\sim		
		Output voltage = 12-24 V\sim		
		Power (V \sim)	Primary terminal flexible cable (mm ²)	Secondary terminal flexible cable (mm ²)
1	0 428 40	40	1 to 4	1 to 4
1	0 428 41	63	1 to 4	1 to 4
1	0 428 42	100	1 to 4	1 to 4
1	0 428 43	160	1 to 4	1 to 4
1	0 428 44	220	1 to 4	1 to 4
1	0 428 45	310	1 to 4	1 to 4
1	0 428 46	450	1 to 4	1 to 16
1	0 428 47	630	1 to 4	1 to 16
1	0 428 49	1000	0.25 to 6	4 to 35
		Input voltage = 230-400 V\sim		
		Output voltage = 24 V\sim		
1	0 428 55	40	1 to 4	1 to 4
1	0 428 56	63	1 to 4	1 to 4
1	0 428 57	100	1 to 4	1 to 4
1	0 428 58	160	1 to 4	1 to 4
1	0 428 59	220	1 to 4	1 to 4
1	0 428 60	310	1 to 4	1 to 4
1	0 428 61	450	1 to 4	1 to 4
1	0 428 62	630	1 to 4	1 to 16
		Input voltage = 230-400 V\sim		
		Output voltage = 24-48 V\sim		
1	0 428 70	40	1 to 4	1 to 4
1	0 428 71	63	1 to 4	1 to 4
1	0 428 72	100	1 to 4	1 to 4
1	0 428 73	160	1 to 4	1 to 4
1	0 428 74	220	1 to 4	1 to 4
1	0 428 75	310	1 to 4	1 to 4
1	0 428 76	450	1 to 4	1 to 4
1	0 428 77	630	1 to 4	1 to 16

Pack	Cat.Nos	Circuits isolation		
		Input voltage = 230-400 V\sim		
		Output voltage = 115-230 V\sim		
		Power (V \sim)	Primary terminal flexible cable (mm ²)	Secondary terminal flexible cable (mm ²)
1	0 427 85	40	1 to 4	1 to 4
1	0 427 86	63	1 to 4	1 to 4
1	0 427 87	100	1 to 4	1 to 4
1	0 427 88	160	1 to 4	1 to 4
1	0 427 89	220	1 to 4	1 to 4
1	0 427 90	310	1 to 4	1 to 4
1	0 427 91	450	1 to 4	1 to 4
1	0 427 92	630	1 to 4	1 to 4
		Accessories		
5	0 428 99	For clip on rail (90° mounting) of transformers up to 160 V \sim with 2 claws		
10	0 044 16	Plate Claw width 10 mm Threaded hole For M4 screw		

Isolating transformers for hospitals (IEC 61558-2-15), p. 917





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