Control, safety and circuit isolation transformers

single-phase

0 442 14

0 442 68

0 442 71

Technical characteristics **p. 497-498**
Protection **p. 502 to 504**

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, UL5085 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)

Control and safety - screw connection

Input voltage = 230 V-400 V ± 15 V~
Output voltage = 24 V~

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ = 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	1000
1	0 442 18	1000	700	2000

Input voltage = 460 V ± 20 V~
Output voltage = 24 V~

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ = 0.5
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	870
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

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ = 0.5
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	1000
1	0 442 38	1000	700	2000
1	0 442 39	1600	700	8500
1	0 442 40	2500	1400	4700

24 V~ 48 V~

Control and safety - spring connection

Input voltage = 230-400 V ± 15 V~
Output voltage = 24 V~

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ= 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

Control and circuit isolation- screw connection

Input voltage = 230-400 V ± 15 V~
Output voltage = 115-230 V~
Supplied with 2 coupling strips

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ= 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	1220
1	0 442 67	630	500	1300
1	0 442 68	1000	700	2000
1	0 442 69	1600	700	6100
1	0 442 70	2500	1300	5600
1	0 442 71	4000	2400	11400
1	0 442 72	5000	3300	17500
1	0 442 73	6300	3700	10900
1	0 442 74	8000	4500	12500

Input voltage = 460 V ± 20 V~
Output voltage = 115-230 V~
Supplied with 2 coupling strips

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ= 0.5
1	0 442 81	40	40	53
1	0 442 82	63	63	92
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	1220
1	0 442 87	630	500	1300
1	0 442 88	1000	700	2000
1	0 442 89	1600	700	6100
1	0 442 90	2500	1300	5600
1	0 442 91	4000	2400	11400

Control and circuit isolation - spring connection

Input voltage = 230-400 V ± 15 V~
Output voltage = 230 V~

Pack	Cat.Nos	Power in V~ according to IEC and CSA	Power in V~ according to UL	Instantaneous admissible power at cos φ= 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