



## COMPACT TRANSFORMERS

Ideal for standard systems where compact dimensions are a key installation requirement.

### FEATURES

- Fixed secondary voltage: 24 V range
- 40 VA to 630 VA
- Noise filtering up to 220 VA
- Permanent laser engraved markings
- Multiple fixing options: standard plate mounting  
DIN rail mounting optional
- Visible terminals ensure safe and reliable connections
- Supplied complete with voltage links

### TECHNICAL DATA

**APPROVALS:** IEC/EN 61558-2-4, IEC/EN 61558-2-6

**OPERATING TEMPERATURE:** up to 35° C without derating

**RECOMMENDED PROTECTION:** Type T fuses for 40 VA and 63 VA  
Type C MCBs for 100 VA and greater

## FILTERED POWER SUPPLIES

A range of filtered power supplies for PLCs and other equipment requiring a voltage of 12 V DC or 24 V DC.

### FEATURES

- Ripple factor < 3%
- Twin output terminals for ease of connection
- DIN rail or mounting plate fixing
- Noise filtering
- Integrated secondary fuse protection
- Supplied with busbar for quick connection between neutral and earth (up to 15 V)

### TECHNICAL DATA

**APPROVALS:** IEC/EN 61558-2-6, UL, CSA

**OPERATING TEMPERATURE:** Up to 60° C without derating

# control, signalling and safety isolation transformers

## open type single phase



0442 35



0442 68

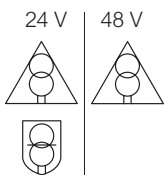


0442 71

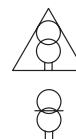
Dimensions and technical information **p. 91**

IP 2X or IP XXB up to 400 VA  
 IP XXA above 400 VA - IK 04  
 Conform to IEC/EN 61558-2-2 and 2-4 or 2-6  
 UL506 and CSA C22-2-N°66  
 Products suitable for building into equipment conforming to EN 61131-2, EN 60204-1 and EN 61439 standards  
 Insulated covers up to 1 000 VA provided  
 Interference/disturbance filter included  
 Screw fix to mounting plate or clip on to DIN rail up to 250 VA  
 Supplied with 0V/Earth connection link up to 1 000 VA

Pack	Cat. Nos.	Single phase		
		<b>Primary : 230-400 V ± 15 V</b>		
		<b>Secondary : 24-48 V</b>		
		Supplied with 2 links		
		Power in VA according to IEC and CSA	Power in VA according to UL	Admissible instantaneous power at cos φ = 0.5
1	0442 31	40	40	52
1	0442 32	63	63	87
1	0442 33	100	100	150
1	0442 34	160	140	250
1	0442 35	250	210	420
1	0442 36	400	300	900
1	0442 37	630	500	1 700
1	0442 38	1 000	700	2 000
1	0442 39	1 600	700	8 500
1	0442 40	2 500	1 400	3 300



Pack	Cat. Nos.	Single phase		
		<b>Safety isolating transformers</b>		
		<b>Primary : 230-400 V ± 15 V</b>		
		<b>Secondary : 115-230 V</b>		
		Supplied with 2 links		
		Power in VA according to IEC and CSA	Power in VA according to UL	Admissible instantaneous power at cos φ = 0.5
1	0442 61	40	40	50
1	0442 62	63	63	86
1	0442 63	100	100	150
1	0442 64	160	140	250
1	0442 65	250	210	430
1	0442 66	400	300	1 200
1	0442 67	630	500	1 600
1	0442 68	1 000	700	2 000
1	0442 69	1 600	700	6 100
1	0442 70	2 500	1 300	7 100
1	0442 71	4 000	2 400	11 400



### Secondary protection

Transformers can be protected by a gG type fuse **p. 76** or by a C type circuit breaker **p. 56**

### Multiple fixing possibilities

- DIN rail **p. 26**
- Lina 12.5 plates **p. 23**
- Lina 25 plates **p. 23**

Modular transformers **p. 102**



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<http://assets.kempstoncontrols.com/doc/Legrand%20Industrial%20and%20power%20protection%20catalogue.pdf>



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