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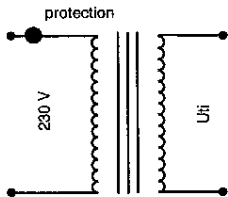
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1. OPERATING PRINCIPLE

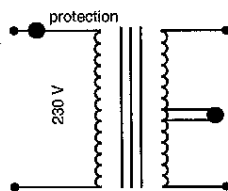
These transformers are used to supply with low voltage:

- access control systems
 - bells
 - chimes
 - buzzers
 - electric strikers...
- other uses
 - relays
 -

Cat. No. 042 20/28



Cat. No. 042 25/37/41/51/52/53/54



2. GENERAL CHARACTERISTICS

Single phase 50/60 Hz
Class II when the transformer is built in a cabinet
Protected against indirect contacts
Protected against overloads and short-circuits

2. GENERAL CHARACTERISTICS (continued)

2.1 Conformities

- Conform to standard NF EN 60-742
- Conform to ERP and IGH
- Marking

2.2 Transformer protection

Transformers are equipped with a CTP at primary

2.3 Covering

2.3.1 Shield

Mineral loaded polyamide 6

• information: front face marking by stamping for a very good resistance for time

- Cat. No.
- voltage
- rated power ⇒ safety transformers
- secondary currents ⇒ bell transformers
- conform to standards
- connection diagram
- transformer use (bell or safety)
- marking of terminals with embossed markers

Equipped with a transparent polycarbonate label holder for all types of labels of Lexic modular range

2.3.2 Base

Mineral loaded polyamide 6

Equipped with a polyacetal claw for a good resistance on symmetrical rails 3 depth 7.5 or 15. Can be unclipped using tool

3. RANGE

3.1 Safety transformers

Primary 230 V±

Secondary 12 V/24 V

Power	Cat. No(s)	Nber of blocks of 17.5
16 VA	042 51	4
25 VA	042 52	4
40 VA	042 53	5
63 VA	042 54	5

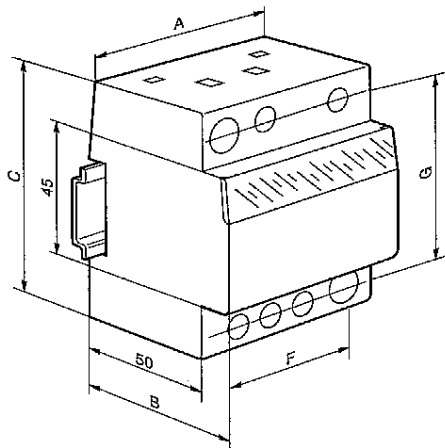
3.2 Bell transformers

Primary 230 V±

Secondary

Voltage	Intensity	Power	Cat. No(s)	Nber of blocks of 17.5
8 V	0.5 A	4 VA	042 20	2
8/12 V	1/0.66 A	8 VA	042 25	2
12/24 V	1.5/1 A	18/24 VA	042 37	4
8/12 V	3/2 A	24 VA	042 41	4
12 V	1 A	12 VA	042 28	3

4. OVERALL DIMENSIONS



Cat. No(s)		Dimensions mm			Fixing mm			Max. weight kg
		A	B	C	F	G	∅	
042 20	d	35.8	66	89	-	-	-	0.32
042 25	d	35.8	66	89	-	-	-	0.35
042 28	d	54	66	89	40	64	4.5	0.345
042 37	d	71.5	66	89	50	64	4.5	0.45
042 41	d	71.5	66	89	50	64	4.5	0.48
042 51	e	71.5	66	89	50	64	4.5	0.65
042 52	e	71.5	66	89	50	64	4.5	0.67
042 53	e	89	66	95	66	74	4.5	1.2
042 54	e	89	66	95	66	74	4.5	1.2

5. CONNECTION

	Flexible or rigid primary	Flexible or rigid secondary
d		
e	1 to 4 mm ²	1 to 4 mm ²

6. ELECTRICAL CHARACTERISTICS

6.1 Safety transformers Θ

Cat. No(s)	Power VA	Off-load loss (W)	Voltage drop c/c $\cos \varphi = 1$	Efficiency		Primary on-load intensity (A)
				$\cos \varphi = 1$	$U_{cc} \%$	
042 51	16	2.3	18	0.76	16	0.099
042 52	25	2.4	18	0.79	16	0.142
042 53	40	3.4	12	0.84	17	0.221
042 54	63	2.5	13	0.86	20	0.33