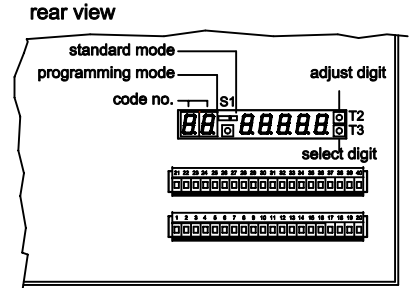
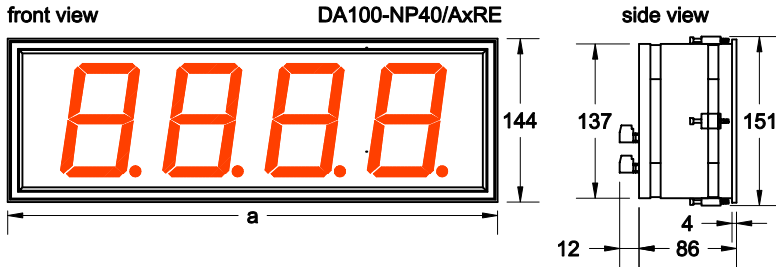


Type: DA100-NPxx/AxxE

BCD/hex/24V active high

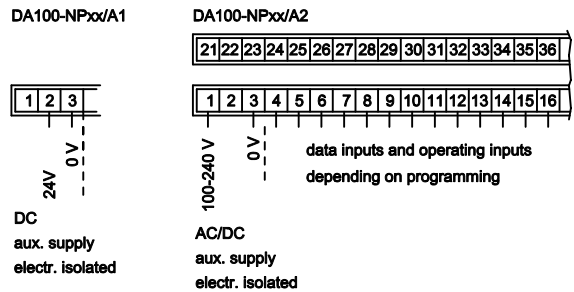


programming instructions

(select digit with key T3, adjust digit with key T2)

code no.		input code	data inputs															
display			A	L	H	L	H	L	H	L	H	L	H	L	H	L	H	L
00	parallel	0 0 0 0 0	L	L	L	L	H	H	H	H	L	L	L	L	H	H	H	H
	multiplex	0 0 0 0 0	L	L	L	L	H	H	H	H	L	L	L	L	H	H	H	H
BCD	1.1	0 1	0	1	2	3	4	5	6	7	8	9						
	1.2	0 2	0	1	2	3	4	5	6	7	8	9						
Hex	1.3	0 3	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
	1.4	0 4	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F

rear connector with screw-type terminals



terminal inputs (KZ = code no.)

KZ	display	terminal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
00	0 0	aux. supply																																								
BCD	multiplex 0 1	aux. supply	BCD				10 ⁰				10 ¹				10 ²				10 ³				10 ⁴																			
Hex	multiplex 0 3		BCD				10 ⁰				10 ¹				10 ²				10 ³				10 ⁴																			
BCD	parallel 1 1	aux. supply	BCD 10 ⁰				BCD 10 ¹				BCD 10 ²				BCD 10 ³				BCD 10 ⁴																							
Hex	parallel 1 3		BCD 10 ⁰				BCD 10 ¹				BCD 10 ²				BCD 10 ³				BCD 10 ⁴																							

operating inputs: active high (independent from BCD-inputs)

ST lamp-test:	all segments and decimal points displayed
DT blanking input:	display blank
DP decimal point:	decimal point displayed
LE Latch Enable:	latch enable
after a change of the LE-signal from L to H the display stores the information received before the LE-signal changed.	

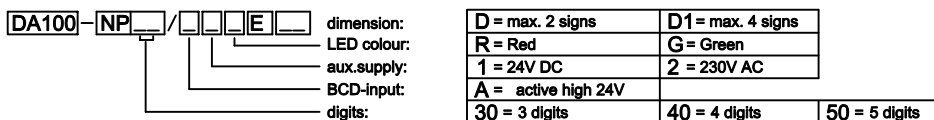
operating inputs (X = H or L)			
DT	H	L	X
LE	X	H	X
ST	L	L	H
data	X	X	X
display	blank	latch	test

technical data:

aux. supply:	DA100-NPxx/A1... 18 - 35 V DC
	DA100-NPxx/A2... 100 - 240 V AC/DC
power consumption:	max. 18VA
temperature range:	-20 °C ... +65 °C
data / operating inputs:	24V active high
	max. 35V L < 7V, H > 10V min. 2ms
input resistance:	15 kOhm
display height/colour:	LED 100 mm / red or green

case dimensions

DA100		aluminium case powder coated black	front frame	panel cutout
		shell-depth (with terminal)	86 (98) mm	
DA100-NP __ /xxx/E	DA100-NP __ /xxx/E D	DA100-NP __ /xxx/E D1	width [a]	b x h
30	40	50	336	330 x 138
40	50	60	432	426 x 138
50	60	70	528	522 x 138
			624	618 x 138
			720	714 x 138



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