

# Type: DA10-NPxx/xxx BCD

DA10-NP40/xxR  
case 48 x 24 mm



DA10-NP40/xxR-7  
case 72 x 24 mm



DA10-NP40/xxR-4  
case 48 x 48 mm



resolution

article	display
DA10-NP20/xxx	□□
DA10-NP21/xxx	± □□
DA10-NP30/xxx	□□□
DA10-NP31/xxx	± □□□
DA10-NP40/xxx	□□□□

BCD-code

DA10-NPxx/Axx	active high	24V
DA10-NPxx/Cxx	active high	24V
DA10-NPxx/Exx	active high	5V
DA10-NPxx/Gxx	active high	5V
input	digit	
D C B A ST DT LE	±  □	
L L L L	□	
L L L H		
L L H L	+ 2	
L L H H	- 3	
L H L L	+  4	
L H L H	-  5	
L H H L	6	
L H H H	7	
H L L L	□	
H L L H	9	
H L H L	blank	
H L H H	blank	
↓	↓	
H H H H	blank	
X X X X L L H	Latch	
X X X X H X X	test	
X X X X L H X	blank	

DA10-NPxx/Bxx	active low	24V
DA10-NPxx/Dxx	active low	24V
DA10-NPxx/Fxx	active low	5V
DA10-NPxx/Hxx	active low	5V
input	digit	
D C B A ST DT LE	±  □	
H H H H	□	
H H H L		
H H L H	+ 2	
H H L L	- 3	
H L H H	+  4	
H L H L	-  5	
H L L H	6	
H L L L	7	
L H H H	□	
L H H L	9	
L H L H	blank	
L H L L	blank	
↓	↓	
L L L L	blank	
X X X X H H L	Latch	
X X X X L X X	test	
X X X X H L X	blank	

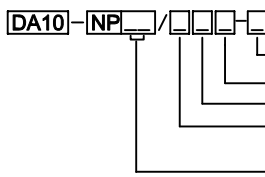
X = H or L

technical data

aux. supply:	DA10-NPxx/x1x : 18,00 - 35,00 VDC	DA10-NPxx/x3x : 12,50 - 17,50 VDC	DA10-NPxx/x4x : 4,75 - 5,25 VDC
power consumption :	max. 2,5 VA		
input resistance :	BCD 24V : 10 kOhm		
	BCD 5V : TTL		
display :	height 10,0 mm, LED red or green		
temperature range :	-20 °C .....+65 °C		
case :	DA10-NPxx/xx:	DA10-NPxx/xx-4:	DA10-NPxx/xx-7:
mounting depth :	120 mm	120 mm	120 mm
panel cutout :	45(+0,6) x 22,2(+0,3)mm	45(+0,6) x 45(+0,6)mm	68(+0,7) x 22,2(+0,3)mm
bezel height :	5,25 mm	5,25 mm	5,25 mm

function input :

ST segment- test:	all segments and decimal points are flashing	
DT blanking input :	L-signal =	display flashing
	H-signal =	display blank
DP decimal point :	L-Signal =	decimal point blank
	H-Signal =	decimal point flashing
LE latch enable	L-Signal =	display is equivalent to the BCD- input
	H-Signal =	display hold
After a change of the LE from L to H the display stores the information received before the signal changed.		



without		4 = 48 x 48 mm	7 = 72 x 24 mm
R = red	G = green		
1 = 24VDC	3 = 15VDC	4 = 5VDC	
A = multiplex active high 24V	B = multiplex active low 24V	C = parallel active high 24V	D = parallel active low 24V
E = multiplex active high 5V	F = multiplex active low 5V	G = parallel active high 5V	H = parallel active low 5V
20 = 2 digits	21 = 2-1/2 digits	30 = 3 digits	31 = 3-1/2 digits
		40 = 4 digits	

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