

Type: DA08-NPxx/xxx BCD

DA08-NP50/xxR
case 48 x 24 mm



DA08-NP50/xxR- 7
case 72 x 24 mm



DA08-NP50/xxR-4
case 48 x 48 mm



resolution

article	display :
DA08-NP20/xxx	□□
DA08-NP21/xxx	± □□
DA08-NP30/xxx	□□□
DA08-NP31/xxx	± □□□
DA08-NP40/xxx	□□□□
DA08-NP41/xxx	± □□□□
DA08-NP50/xxx	□□□□□

BCD-code

DA08-NPxx/Axx	active high	24V
DA08-NPxx/Cxx	active high	24V
DA08-NPxx/Exx	active high	5V
DA08-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	

DA08-NPxx/Bxx	active low	24V
DA08-NPxx/Dxx	active low	24V
DA08-NPxx/Fxx	active low	5V
DA08-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

pin out

DA08-NPxx/Axx		DA08-NPxx/Bxx		DA08-NPxx/Exx		DA08-NPxx/Fxx	
1	A	} BCD input					
2	B						
3	C						
4	D						
5	LE	} 10 ⁰					
6	DP						
7	LE	} 10 ¹					
8	DP						
9	LE	} 10 ²					
10	DP						
11	LE	} 10 ³					
12	DP						
13	LE	} 10 ⁴					
14	DP						
15	n.c.						
16	n.c.						
17	n.c.						
18	n.c.						
19	n.c.						
20	n.c.						
21	+ V aux. supply						
22	0 V " /BCD						
23	ST						
24	DT						
25	n.c.						
26	n.c.						

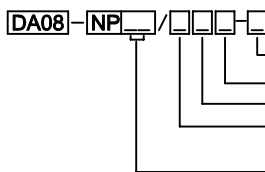
DA08-NPxx/Cxx		DA08-NPxx/Dxx		DA08-NPxx/Gxx		DA08-NPxx/Hxx	
1	A	} 10 ⁰					
2	B						
3	C						
4	D						
5	A	} 10 ¹					
6	B						
7	C	} 10 ²					
8	D						
9	DP	} 10 ³					
10	A						
11	B	} 10 ⁴					
12	C						
13	D						
14	DP						
15	A	} 10 ³					
16	B						
17	C						
18	D						
19	DP						
20	LE	Latch					
21	+ V aux. supply						
22	0 V " /BCD						
23	ST	A					
24	DT	B					
25	n.c.	C	} 10 ⁴				
26	n.c.	D					

technical data

aux. supply	DA08-NPxx/x1x : 18,00 - 35,00 VDC	DA08-NPxx/x3x : 12,50 - 17,50 VDC	DA08-NPxx/x4x : 4,75 - 5,25 VDC
power consumption :	max. 2,5 VA		
input resistance :	BCD 24V : 10 kOhm		
	BCD 5V : TTL		
display :	height 7,62 mm, LED red oder green		
temperature range :	-20 °C+65 °C		
case :	DA08-NPxx/xx:	DA08-NPxx/xx-4:	DA08-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
front frame height :	5,25 mm	5,25 mm	5,25 mm

operation inputs :

ST	segment test :	all segments and decimal points displayed
DT	blanking input :	L-Signal = display flashing H-Signal = display blank
DP	decimal points :	L-Signal = decimal points displayed H-Signal = decimal points blank
LE	latch enable	L-Signal = display is equivalent to the BCD input H-Signal = display isn't equivalent to the BCD input
After a change of the LE signal from L to H the display stores the information received before the signal changed.		



without = 48 x 24 mm | 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 41 = 4-1/2 digits 50 = 5 digits

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