

# Type: DA20-NAxx/Fxxx

## AC current/voltage

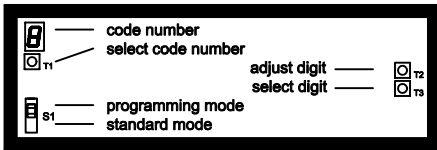
DA20-NA40/FxxR  
case 144 x 48 mm



DA20-NA40/FxxR - 4  
case 144 x 72 mm



controls behind front glass



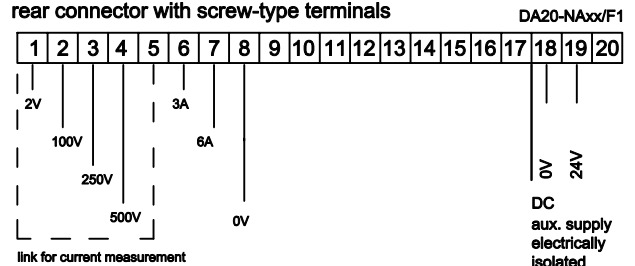
number of digits

Article	Display
DA20-NA30/Fxxx	▣▣▣
DA20-NA40/Fxxx	▣▣▣▣

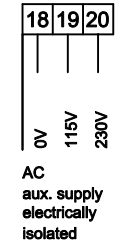
### programming mode

code number	display	description
0		min. display value
1		min. input signal, to be applied take-over with T3
2		max. display value
3		max. input signal, to be applied take-over with T3
4	1...500	average value of 1-500 measurements
5	2/5/10	half correction of last digit by steps of 2, 5, 10
6	--1	reciprocal indication value 0 = no      1 = yes
	-1.	line break indication with value falling 25% below measured value 0 = no      1 = yes

### rear connector with screw-type terminals



DA20-NAxx/F2



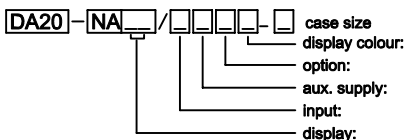
### display messages

EEP	EEProm under programming
---	overflow (segments in the middle are flashing)
- -	line break indicator

### general data

aux. supply:	DA20-NAxx/F1xx	18-35 V DC
	DA20-NAxx/F2xx	115/230V AC
power consumption:	max. 5 VA	
measuring range voltage:	2V / 100V / 250V / 500V	
measuring range current:	3 A / 6 A	
display max.:	programmable	
display zero:	programmable	
conversion range:	approx. 1 per second	
principle of measurement	Dual-Slope-Integration True RMS	
error of measurement:	+/- 0,2% of measuring value, +/- 1 digit/segment	
average value:	adjustable from 1-500 measurements	
digit height:	20 mm	

input resistance:	terminal	RI
	1	10 kOhm
	2	470 kOhm
	3	1 MOhm
	4	2,2 MOhm
	6	0,02 Ohm
	7	0,01 Ohm
resolution:	..NA30.. 0 ...999	
	..NA40.. 0 ... 9999	
panel cutout:	DA20-NAxx/Fxxx	138(+1,0) x 45(+0,6) mm
	DA20-NAxx/Fxxx -4	138(+1,0) x 68(+0,7) mm
mount.depth (without connector):	114 mm (102 mm)	
bezel height:	8,5 mm	



without indication	= 144x 48 mm	4 = 144 x 72 mm
R = red	G = green	
look chapter end of datasheet		
1 = 24 V DC	2 = 115/230VAC	
F = AC current/voltage		
30 = 3 digits	40 = 4 digits	

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