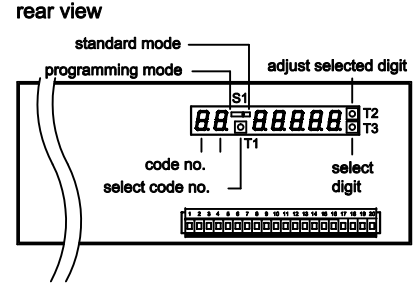
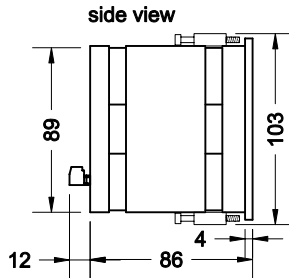
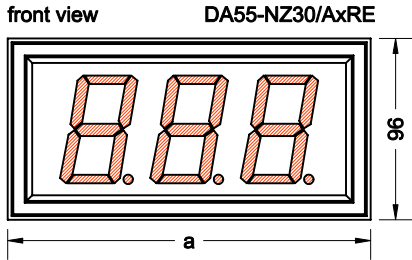


Type: DA55-NZxx/AxxE
Counter/Totalizer
add/subtract



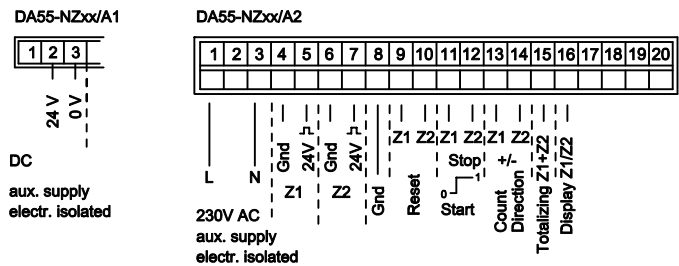
case dimensions

DA55		aluminium case powder coated black	front frame	panel cutout
		shell-depth (with terminal)	width [a]	b x h
DA55-NZ __ /xxx E	DA55-NZ __ /xxx E D	DA55-NZ __ /xxx E D1		
30	30		192	186 x 90
40	30		240	234 x 90
50	40	30	288	282 x 90
	50	40	336	330 x 90
		50	384	378 x 90

programming mode

code no.	display	description
00	0.0.0.0	decimal point 0 = none 2 = 0,00 1 = 0,0 3 = 0,000
	0.0.0.0	pulse-edge 0 = falls edge ≤ 1 kHz 1 = ascends edge ≤ 1 kHz 2 = falls edge ≤ 10 Hz relay 3 = ascends edge ≤ 10 Hz relay
01	0.0.0.0	preset Z1
02	0.0.0.0	preset Z2
03	0.0.0.0	set reset value Z1
04	0.0.0.0	set reset value Z2
05	0.0.0.0	prescaler counter Z1 (qty. pulses/1 display step)
06	0.0.0.0	prescaler counter Z2 (qty. pulses/1 display step)
07	0.0.0.0	prescaler display Z1 (qty. display steps/1 pulse)
08	0.0.0.0	prescaler display Z2 (qty. display steps/1 pulse)
09	0.0.0.0	brightness adjustment (0 ... 9) 0 = bright 9 = dark

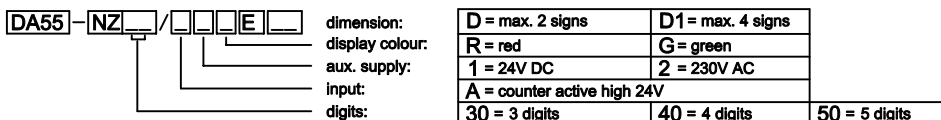
rear connector with screw-type terminals



technical data

aux. supply:	DA55-NZxx/A1...	18-35 V DC
	DA55-NZxx/A2...	100-240 V AC
power consumption:	max. 12 VA	
temperature range:	-25 °C ... +65 °C	
preset:	programmable	
count inputs:	24V active high add/subtract	
	L < 7V, H > 15V max. 35V	
operating inputs:	24V active high L < 7V, H > 15V max. 35V	
reset:	24V active high reset value programmable	
stop:	24V active high	
start:	24V active low (< 7V: counter starts with pulse)	

count direction (inputs 13+14):	L = add H = subtract
totalizing (input 15):	H = summary of counters Z1+Z2 is displayed
display changeover (input 16):	L = display totalizer Z1 H = display totalizer Z2
data retention of totalizer Z1 and Z2	
input resistance:	15 kOhm
counting frequency:	max. 1kHz
pulse length:	min. 0,1 ms
prescaler:	programmable
display:	57 mm, LED red or green



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