

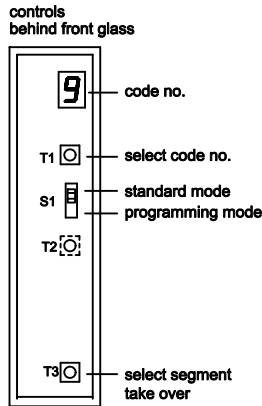
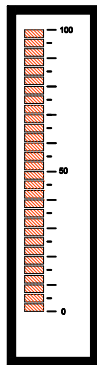
# Type: DBA-EA30/A

## DC current/voltage

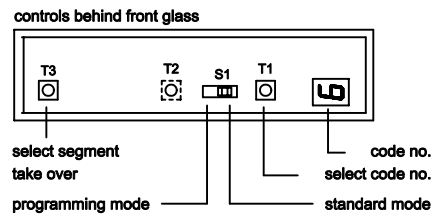
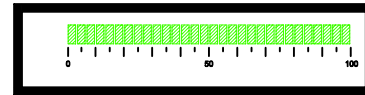


case 96 x 24 mm

DBA-EA30/AxxRH



DBA-EA30/AxxGQ

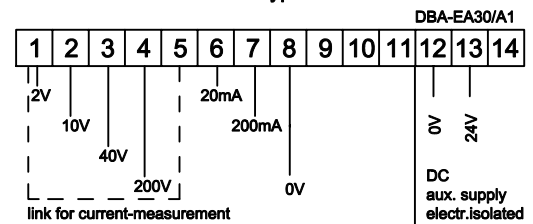


### programming mode

KZ = code no.

KZ	scale	description
0		min. input signal to be applied take over with T3
1		max. input signal to be applied take over with T3
2	each segment 1 measurement	average value of 1-30 measurements
3	each 2nd segment flashing	line brak indication with value falling 25% below measured value (4-20mA) all segments off = no
	1. segment flashing	full scale indication zero BOTTOM 0 → 100%
	2. segment flashing	full scale indication reciprocal zero BOTTOM 0 ← 100%
	3. segment flashing	point scale indication zero BOTTOM 0 → 100%
	4. segment flashing	full scale indication zero CENTER -100% ← 0 → +100%
	5. segment flashing	point scale indication zero CENTER -100% ← 0 → +100%
	6. segment flashing	full scale indication zero TOP 100% ← 0
4	7. segment flashing	full scale indication reciprocal zero TOP 100% → 0

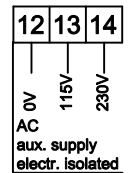
### rear connector with screw-type terminals



### input resistance

terminal	Ri
1	100 kOhm
2	560 kOhm
3	2,2 MOhm
4	10 MOhm
6	100 Ohm
7	10 Ohm

### DBA-EA30/A2



### display messages

EEProm under programming	
overflow (flashing of each 2nd segment)	
line-break indication:	

### technical data

aux. supply:	DBA-EA30/A1xxx: 18-35V DC
	DBA-EA30/A2xxx: 115/230V AC
power consumption:	max. 2,5 VA
measuring range (V):	2V / 10V / 40V / 200V
measuring range (A):	20mA / 200mA
display max./zero:	programmable
conversion rate:	approx. 1 per second
principle of measurement:	dual-slope-integration
error of measurement:	+/- 0,1% of measured value +/- 1 digit/segment
average value:	adjustable 1-30 measurements

scale length:	75 mm 30 segments
resolution:	1 segment
end value of scale is according to adjusted max. display	
panel cutout:	92(+0,8) x 22,2(+0,3) mm
mount.depth (without plug):	114 mm (102 mm)
bezel height:	7,5 mm
option:	Min.-Max.-Memory-Function
controls are accessible through the front glass	
recall min.-and max.-value with key.	

DBA - EA - / A - 0 - M - addition for min.-max.-memory-function

mounting:	H = vertical	Q = horizontal
display colour:	R = red	G = green
options:	see data sheets at the end of chapter	
aux. supply:	1 = 24V DC	2 = 115/230V AC
display:	30 = 30 segments	

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