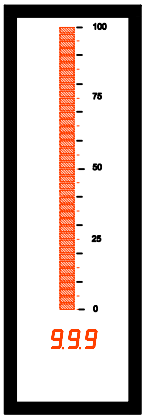
Type: DBA-EA43/Axxxx

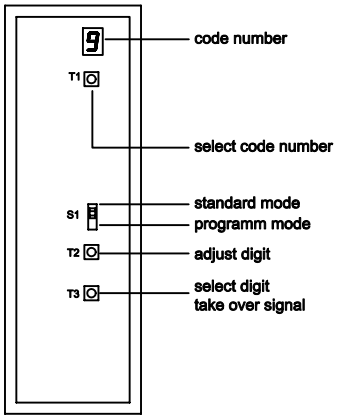
DC current/voltage

case 144 x 48 mm

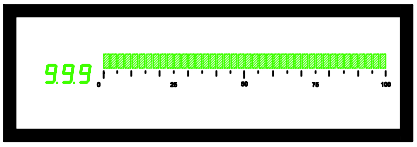
DBA-EA43/xxxRH



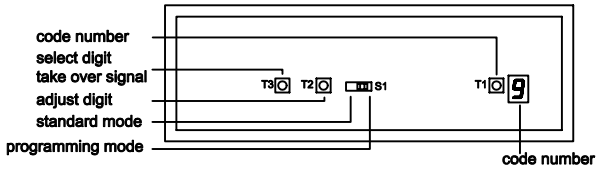
controls behind front glass



DBA-EA43/xxxGQ



controls behind front glass



programming

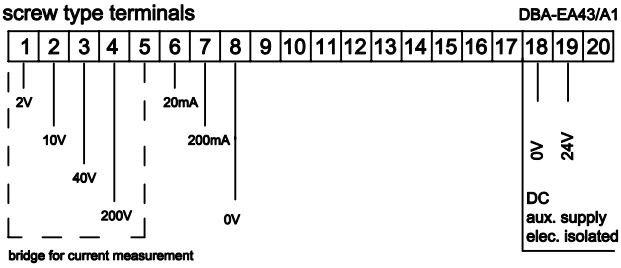
code number	display	description
0		display min. value
1	P - L	min. input signal (to be applied) take over with T3
2		display max. value
3	P - H	max. input signal (to be applied) take over with T3
4	1...500	average value of 1-500 measurements
5	2/5/10	half correction of last digit by steps : 2, 5 and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

display messages

EEP	EEprom under programming
----	overflow (flashing of segments in the middle)
-||-	line break indication

screw type terminals

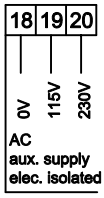
DBA-EA43/A1



input resistance

terminal	Ri
1	100 kOhm
2	560 kOhm
3	2,2 MOhm
4	12 MOhm
6	100 Ohm
7	10 Ohm

DBA-EA43/A2



technical data

aux. supply	DBA-EAxx/A1xxx:	18-35V DC
	DBA-EAxx/A2xxx:	115/230V AC
power :	max. 2,5 VA	
measuring range (V) :	2V / 10V / 40V / 200V	
measuring range (VA :	20mA / 200mA	
display max. :	programmable	
display zero :	programmable	
conversion rate :	approx. 1 per second	
priciple of measurement :	Dual-Slope-Integration	
error of measurement :	+/- 0,1% of measuring value, +/- 1 digit / segment	
overflow :	flashing of display segments	
	in the middle	
average value :	adjustable from 1-500 measurements	

display height	7 mm 3 digits
resolution :	-199....999
scale length :	100 mm 40 segments
resolution :	1 Segment
the max. value of the scale depends on the programmed display max. value	
panel cutout :	138(+1,0) x 45(+0,3) mm
mount.depth (without plug) :	114 mm (102 mm)
bezel height :	8,5 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
option:	see data sheets at the end of chapter	
aux. supply:	1 = 24V DC	2 = 115/230VAC
display:	43 = 40 segments + 3 digit. LED	

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