

# Type: DBA-EA43/Fxxxx DBA-EA50/Fxxxx

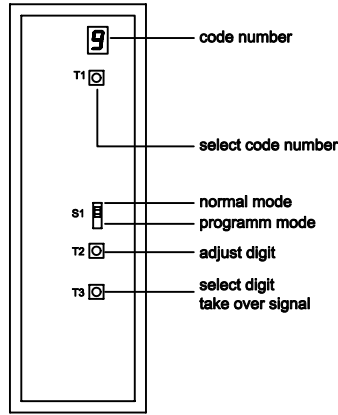
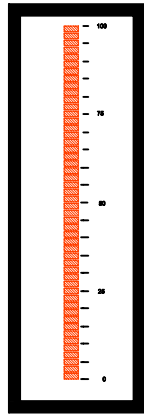
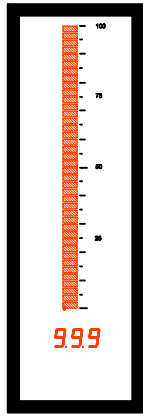
## DC current/voltage

case 144 x 48 mm

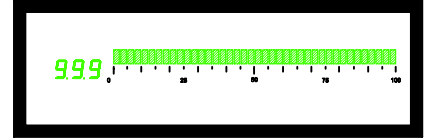
DBA-EA43/FxxRH

DBA-EA50/FxxRH

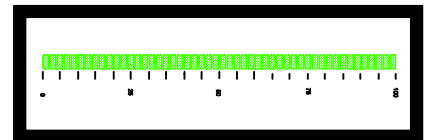
controls behind front glass



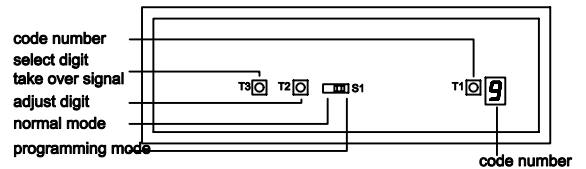
DBA-EA43/FxxGQ



DBA-EA50/FxxGQ



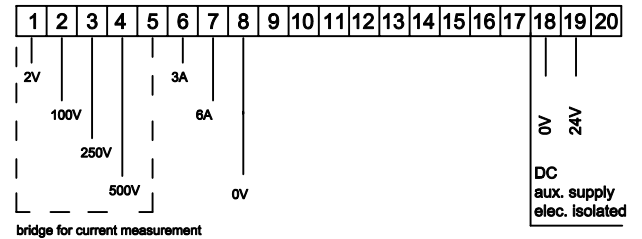
controls behind front glass



### programming

code number	display	description
..EA43.. ..EA50..		
0		display min. value
1	0	min. input signal take over with T3 (to be applied)
2		display max. value
3	1	max. input signal take over with T3 (to be applied)
4	2	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
	3 -- 1	line break indication with value falling of 25% 0 = no 1 = yes

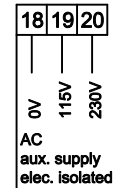
### screw type terminals



### 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

### DBA-EAxx/F2



### display messages

EA50/F

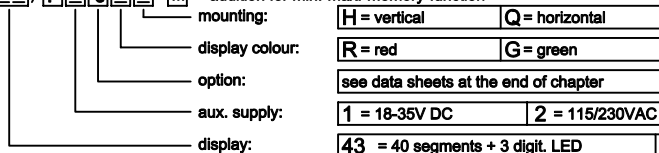
EEP	EEProm under programming	EA50/F
----	overflow (flashing of segments in the middle)	
- -	line break indication	

### technical data

aux. supply	DBA-EAxx/F1xxx:	18-35V DC
	DBA-EAxx/F2xxx:	115/230V AC
power :	max.	2,5 VA
measuring range (V) :		2V / 100V / 250V / 500V
measuring range (VA) :		3A / 6mA
display max. :		programmable
display zero :		programmable
conversion rate :		approx. 1 per second
principle of measurement :		Dual-Slope-Integration True RMS
error of measurement :		+/- 0,2% of measuring value, +/- 1 digit / segment
overflow :		flashing of display segments in the middle
average value :		adjustable from 1-500 measurements

display height	DBA-EA43/xxxxx	7 mm	3 digits
resolution :		-199....999	
scale length :	DBA-EA43/xxxxx	100 mm	40 segments
	DBA-EA50/xxxxx	125 mm	50 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] [ ] / [F] [ ] [0] [ ] [M] - addition for min.-max.-memory-function



### GS Gebhardt & Schäfer Industrie-Elektronik GmbH

Porschestraße 11  
D-51381 Leverkusen  
Tel. +49 (0) 21 71 / 73 72 2 -0  
Fax +49 (0) 21 71 / 73 72 2 -39  
Internet: <http://www.GS-GmbH.de>  
E-Mail: [info@GS-GmbH.de](mailto:info@GS-GmbH.de)

Kölner Bank eG  
IBAN: DE62 3716 0087 0940 9250 10  
BIC: GENODE33 CGN  
Kreissparkasse Köln  
IBAN: DE65 3705 0299 0312 0061 45  
BIC: COKSDE33

Deutsche Bank AG  
IBAN: DE30 3757 0024 0851 0851 00  
BIC: DEUTDE33  
Foreign Payments:  
Account-No. 851 085 1  
S.W.I.F.T. DEUTDEB 375

Geschäftsführer:  
Karlheinz Schäfer  
Guido Gebhardt  
USt.-Nr. DE 123713297  
Amtsgericht Köln, HRB 48860  
D-U-N-S@: 340802073