

Type: DBA-EA23/D

DC mA/mV current/voltage

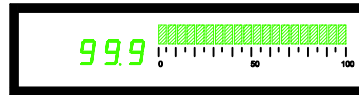
case 96 x 24 mm

programming

CN = code no.

| CN | 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 or 10 |
| 6 | -- 0 | 0 = scale direction from below upward reciprocal display value for 1 = 3-digit display and scale 2 = only 3-digit display 3 = only scale |
| | -- 4 | 4 = scale(point) direction from below upward reciprocal display value for 5 = 3-digit display and scale 6 = only 3-digit display 7 = only scale |
| | -- 8 | 8 = scale direction from above downward reciprocal display value for 9 = 3-digit display and scale A = only 3-digit display b = only scale |
| | -- C | C = scale(point) direction from above downward reciprocal display value for d = 3-digit display and scale E = only 3-digit display F = only scale |

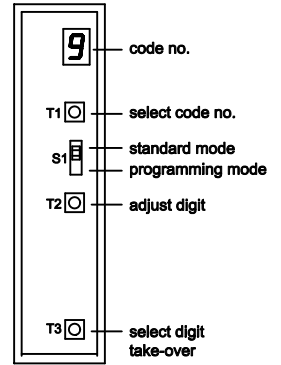
DBA-EA23/DxxGQ



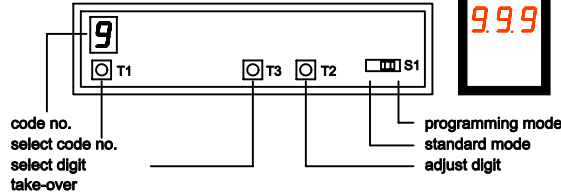
-EA23/DxxoH



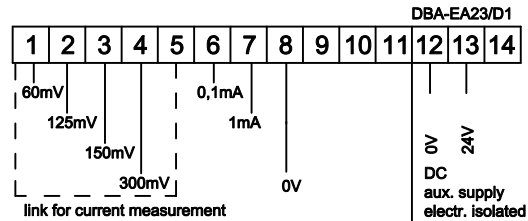
controls behind front glass



controls behind front glass



rear connector with screw-type terminals



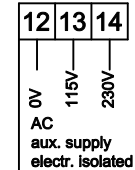
display-messages

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

input resistance

| terminal | Ri |
|----------|----------|
| 1 | 100 kOhm |
| 2 | 220 kOhm |
| 3 | 270 kOhm |
| 4 | 560 kOhm |
| 6 | 560 Ohm |
| 7 | 68 Ohm |

DBA-EA23/D2



technical data

| | | |
|---------------------------|--|-----------------------------|
| aux. supply: | DBA-EA23/D1xxx: 18-35V DC | DBA-EA23/D2xxx: 115/230V AC |
| power consumption: | max. 2,5 VA | |
| measuring range (V): | 60mV/125mV/150mV/300mV | |
| measuring range (mA): | 0,1mA / 1mA | |
| display max.: | programmable | |
| display 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 | |
| overflow: | flashing of display segments in the middle and each 2nd bragraph segment | |
| average value: | adjustable from 1 to 500 measurements | |

| | | |
|--|---|-------------|
| display height: | 7 mm | 3 digits |
| resolution: | -99...999 | |
| scale length: | 50 mm | 20 segments |
| scale resolution: | 1 segment | |
| end value of scale is according to adjusted max. display value | | |
| 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 T2 and T3 | |

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

| | | |
|-------------|--------------------------------------|-----------------|
| mounting: | H = vertical | Q = horizontal |
| LED colour: | R = red | G = green |
| Option: | see data sheet at the end of chapter | |
| aux.supply: | 1 = 24V DC | 2 = 115/230V AC |
| display: | 23 = 20 segments + 3-digit LED | |