

Data Sheet for Article: MGF59050-A

# Ammeter, 96x96mm, 50A, AC, Direct measuring

Direct measurement, Type Front mounting, Function ammeter AC, Size 96x96mm, Measuring range 50A, IP Rating IP52 (front), IP00 (connections)



## Technical Data

|                          |                                                                   |
|--------------------------|-------------------------------------------------------------------|
| Standard                 | EN 50081<br>BS-89<br>VDE 0410<br>EN 60051<br>EN 50082<br>EN 61010 |
| Type                     | Front mounting                                                    |
| Display technology       | analog                                                            |
| Measuring range          | 50A                                                               |
| Size                     | 96x96mm                                                           |
| Frequency range          | 15-100Hz                                                          |
| Accuracy                 | 1,50 percent                                                      |
| Operating voltage AC (V) | 600                                                               |
| Overload (continuous)    | 1,5 In                                                            |
| Overload (short-time)    | 5 In 30s, 10 In 5s, 40 In 1s                                      |
| Isolation test voltage   | 2 kV R.M.S 50 Hz/1 min                                            |

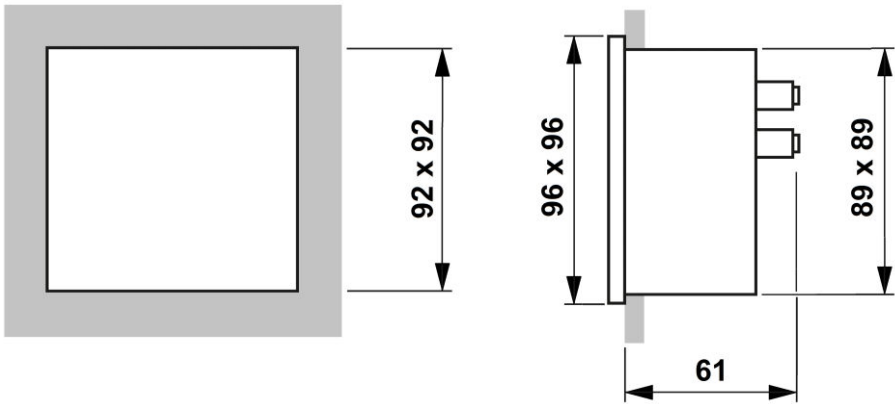
## Technical Data - continued

|                                            |                                  |
|--------------------------------------------|----------------------------------|
| Reference temperature (°C)                 | +10 bis +30                      |
| Temperature range - Transport/storage (°C) | -25 to +40                       |
| Power loss (W)                             | 1,20                             |
| Mounting method                            | Instrument for vertical mounting |
| IP Rating                                  | IP52 (front), IP00 (connections) |
| Burden                                     | 0,4VA                            |
| Vibration resistance                       | VDE 0410, 2,5g, ±0,25mm, 50Hz    |
| shock resistance                           | VDE 0410, 15G                    |

## Circuit diagram: Ammeter, 96x96mm, 50A, AC, Direct measuring



**Dimensioned drawing: Ammeter, 96x96mm, 50A, AC, Direct measuring**



| DESCRIPTION                                                                                                                                 | Order No.  |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------|
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