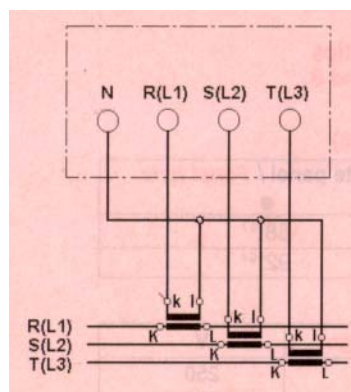
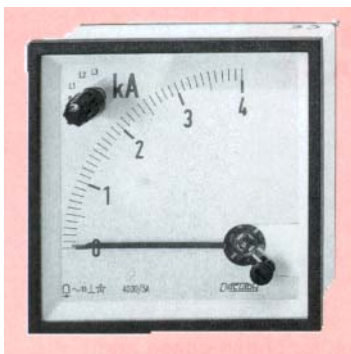




Ammeter (moving iron) with switch



Wiring Diagram

A range of moving iron AC Ammeters with integral phase selection switch in 72 or 96mm square DIN format for use on AC supplies operating from current transformers with 5 amp or 1 amp secondaries. Specify the current transformer primary and scale when ordering.

Application

The EC72/96 FA Ammeter with integral manual changeover switch is specifically designed to measure the currents in each phase of a three phase AC system.

The switch design ensures that the secondaries of the current transformers are shorted out during changeover and any overvoltage produced is eliminated.

The switch has four positions Off - Phase 1 (L1) - Phase 2 (L2) - Phase 3 (L3).

The scale is 90 degrees with two times overscale and zeroing adjustment.

Type

Code

C/T Sec.

EC72FA

2 27 391

.../5A

EC96FA

2 27 395

.../5A

Movement

90°

Scale

Two times overscale

Consumption

0.3 VA

Current transformers

.../5A

.../1A (option)

Overload

1.2 In permanent
2 In for 30 seconds

Frequency

50 or 60Hz

(please specify)

Class limits 50Hz

45 to 55Hz

Class limits 60Hz

55 to 65Hz

Isolating voltage

2000V for 1 minute

Temperature

Ambient range

-25°C...+40°C

Protection

Case

IP52

Terminals

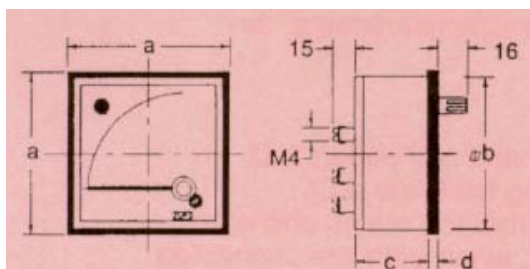
IP20 (with cover)

Weight

0.275 Kg

Dimensions

	a	b	c	d	Cutout
EC72FA	72	67.2	43.5	5.7	68sq
EC96FA	96	91	43.5	5.7	92sq



Standards

IEC51, VDE410, DIN43 780, BS89, UL94, EN60051.

Options

Tropicalisation

IP54 or IP55 protection

Anti-reflection glass

Makrolon glass

Grey frame RAL 7037