



Supplier of Control Instrumentation to the South African Electrical Industry

Power factor (cos φ) meters are intended for measurement of a balanced load of phases or in a single phase network. The accuracy class is 1.5.



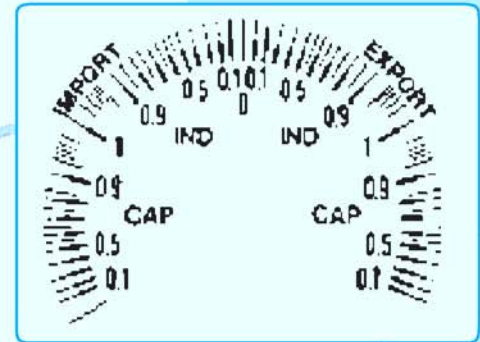
YQ 0207



YQ 2207

### SCALE OUTLOOK

\* For meters: YQ 2207, YQ 2107



| TYPE   | YQ 0307  | YQ 0207             | YQ 0107   | YQ 2307 | YQ 2207              | YQ 2107   |
|--|--|---------------------|-----------|---------|----------------------|-----------|
| Front frame (mm)                                 | 72 x 72  | 96 x 96             | 144 x 144 | 72 x 72 | 96 x 96              | 144 x 144 |
| Cutting for mounting (mm)                        | 68 x 68  | 92 x 92<br>scale 90 | 138 x 138 | 68 x 68 | 92 x 92<br>scale 240 | 138 x 138 |
| Scale length (mm)                                | 63   | 95                  | 135       | 113     | 135                  | 220       |
| Voltage input*                                   | 100 V, 110 V, 230 V, 400 V, 500 V                            |                     |           |         |                      |           |
| Current input                                    | 1 A, 5 A   |                     |           |         |                      |           |
| MEASURING RANGE                                  | 0.5 cap. ... 1 ... 0.5 ind.<br>0.8 cap...1...0.3 ind.        |                     |           |         |                      |           |
| 1b Single phase system                           | .  | .                   | .         | .       | .                    | .         |
| 3b Three-phase three-wire balanced load system   | .  | .                   | .         | .       | .                    | .         |
| 3u Three-phase three-wire unbalanced load system | .  | .                   | .         | .       | .                    | .         |
| 4b Three-phase four-wire balanced load system    | .  | .                   | .         | .       | .                    | .         |
| 4u Three-phase four-wire unbalanced load system  | .  | .                   | .         | .       | .                    | .         |
| MEASURING RANGE                                  | import 0.1 cap. ... 1 ... 0 ind. 0 ... 1 ... 0.1 cap. export |                     |           |         |                      |           |
| <b>Option:</b>                                   |  |                     |           |         |                      |           |
| Separated AC auxiliary supply                    | -  | .                   | .         | -       | .                    | .         |
| 57 V, 63.5 V, 100 V, 110 V, 230 V, 400 V         |  |                     |           |         |                      |           |

Ship version meters YQ 0207 are available on request.

\*Max. voltage input for YQ 0307, YQ 2307 for 3u, 3b: 150 V/250 V AC

\*Max. voltage input for YQ 0307, YQ 2307 for 4u, 4b, 1b: 230 V/400 V AC