

It's all about saving your money!



New RM 2106 and RM 2112 Power Factor Control Relays

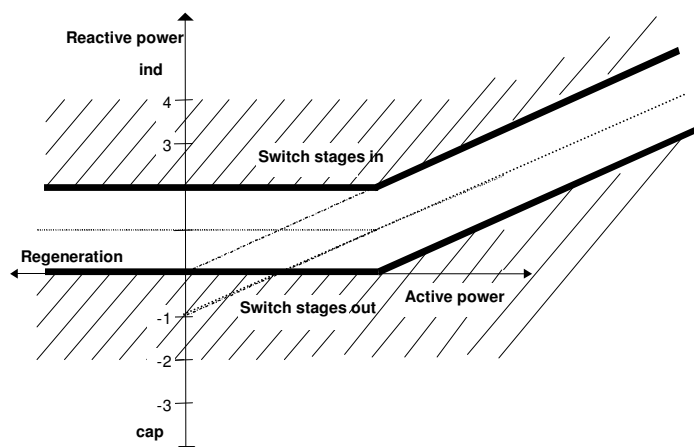


Easy-to-handle
Well-priced
Best quality

Best quality among the low-cost pfc-relays:

Ideal for operation in 230 V, 400 V and 415 V 3-phase networks, 50 - 60 Hz. Other operating voltages are possible by installing a voltage transformer. Four different types of connection can be selected.

The target $\cos \phi$ can be programmed in steps of 0.01 from 0.85 inductive to -1-. Three different characteristic lines can be selected to control the $\cos \phi$, the factory default setting being the patented FRAKO standard control characteristic with the 'kink'. Under normal load this takes the selected target $\cos \phi$ as the lower limit, while avoiding the often dangerous problem of overcompensation under low load conditions. unchoked capacitors are protected against the excessive currents caused by harmonics.





Easy-to-handle among the low-cost pfc-relays:

The key settings for reliable operation are determined automatically (c/k value; kvar ratio of contactors). Connection and installation errors are automatically identified, reported and in some cases automatically corrected.

The message and alarm codes are explained on the front panel and can therefore be identified immediately.

The setup codes are also listed on the front panel for ease of operation

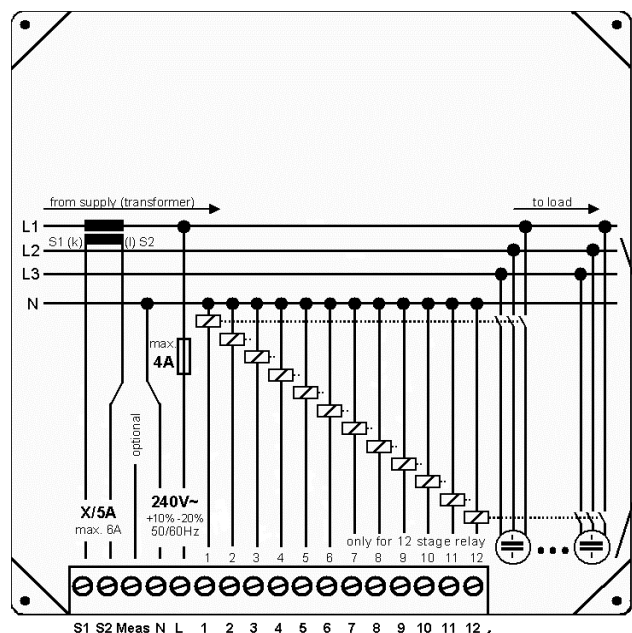
A wiring diagram is printed on the rear of the instrument enclosure, enabling the connections to be made quickly and accurately.

Well-priced among the low-cost pfc-relays:

The operating principle of the RM 2106 is the same as that of the previous model RM 9806.

However, various components have been improved and the design further optimized, resulting in a control relay with a very attractive price/performance ratio.

Another model available in the series is the RM 2112, the 12-stage version.



Recommended applications:

The control relays are intended for users wanting to introduce reliable power factor correction systems quickly and cost-effectively in installations where standard control characteristics are enough. In the low-price segment these control relays have the technical lead, with a range of features that ensure reliable operation of power factor correction systems. They also simplify system commissioning and troubleshooting, and minimize component wear and tear.

For more demanding applications we recommend installing our more sophisticated control relays RM 9606 and EMR 1100 (S). These offer maximum operating reliability for power factor correction systems and can be individually adjusted to suit local conditions.



Kondensatoren- und Anlagenbau GmbH

Tscheulinstr. 21a · 79331 Teningen · Germany

Tel. +49-7641-453-0 · Fax +49-7641-453-535

<http://www.frako.com> • E-mail: info@frako.com