



Electromagnetic starters, PMC series

Description:

PMC series electromagnetic starters are designed for use both on vessels and in other electrical installations.

Starters are designed:

- for direct starting and stopping of AC electric motors;
- for direct starting, stopping and reversing;
- for starting with switching of motor windings from “star” to “delta”, as well as protection against overload by means of an electrothermal current relay with temperature compensation, minimum-voltage and no-voltage protection of three-phase squirrel-cage asynchronous electric motors with short-circuited rotor.

Climate version OM, installation categories 1, 3 and 4 for installation in indoor spaces and on an open deck, including vessels of unrestricted navigation area.

Main parameters:

1. By purpose, starters are manufactured as non-reversing and reversing; non-reversing with winding switching from “star” to “delta”.
2. By degree of protection - IP23, IP55 and IP56.
3. By availability of motor protection device - with electrothermal current relay.
4. By availability of built-in control elements:
 - without control elements;
 - with load switch without control elements;
 - with control push-buttons;
 - with control push-buttons and load switch;
 - with control push-buttons and selector switch;
 - with control push-buttons, load switch and selector switch.
5. By availability of built-in ammeter:
 - without ammeter;
 - with ammeter (only in IP23 degree-of-protection version).
6. Rated voltage: the starters operate on 220 V or 380 V AC at 50 Hz.
7. Rated currents of the starter and adjustment ranges of the rated current of the thermal relay are given in Table 1. Starters are supplied with the setting in the position corresponding to rated current.
8. Indication: indicator lamps show the ON state and the presence of voltage in the control circuit.
9. By type of interlock in reversing starters - with electrical interlock.

Note: for open decks of vessels operated under marine conditions, use stainless steel enclosure (to be specified when ordering).

Technical documentation: RMRS/RRR acceptance — БКЦ-002ТУ; VP acceptance — ТУ БКЦ-002В.

Schematic electrical diagrams are provided in Appendix 1.

Supply with acceptance:

- RMRS
- RRR
- VP



Junction boxes

Metal junction boxes

Plug transformers

Push-button stations

Cam switches

Cam selector switches

Cabin switches and sockets

Junction boxes with protection unit

Power boxes with protection unit

Interference suppression filters

Electromagnetic starters

AC UPS

DC UPS

Media server