

Ordinance Factory
Project
Hyderabad

I-1417

NUMBER.....

SHEET 2 OF 118.....

TY-80

ELECTROMAGNETIC RELAY TYPE P C 10
TECHNICAL SPECIFICATIONS
PCO.452,049.TY

(TO SUPERSIDED TY4-72)
Valid up to July 1, 1985

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Ordnance Factory
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I-1417

NUMBER.....

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Form 7

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SL NO	Nos of parts assemblies			

1. P3C 10

Technical
specifica-
tions

PCO.452.049
ty

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ELECTROMAGNETIC RELAY OF TYPE PDC 20
TECHNICAL SPECIFICATIONS

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The present technical specifications deal with low current electromagnete relays P3C10 (further referred as relay) which are meant for switching a.c. and d.c electric circuits and also for relays P3C 10 supplied for export.

The given technical specifications supplement and specify the requirements of GOST 16121-79.

The relay meant for export are made as per the documents with the stamp "Fit for export ". Example of designation of relay P3C10 with the single closing contact, having winding resistance of (4500+675) ohm and made of contact material 17A4-10 is as follows while ordering and in other documents.

Table No. 1	Electromagnetic relay
	of type P3 C10
	PC4.529.031-01
	PC0.452.042.TY

The relays should meet the requirements of GOST 16121-79 and requirements given in the corresponding sections of the present Technical specifications.

1. CLASSIFICATION

- 1.1. Relay P C10 belongs to neutral dc two-step single-stable, unsealed relays with single close contact or single change over contact.

1.2. Relays P2C10 are classified into versions as per electrical parameters and design characteristics.

General view of the relay with the overall and mounting dimensions is given in figures of appendices 1 and 1 'a'.

Technical characteristics of the relay are given in figures of appendices.

2. TECHNICAL REQUIREMENTS

2.1. GENERAL REQUIREMENTS:

2.1.1. The relays should meet the requirements of Gost 16121-79 of the present technical specifications and the set of design documents as per PC4-529-031 or PC4.529-050

2.2. SCOPE OF DELIVERY:

Set making of relays PC10 should be as follows: for relay PC10 of specific version Boxes; PC4.180.058, PC4.180.203, PC4.180.205 each one for 24 relay relays Tag of specific version 7 for one batch of relays of the same version, to the same address.

Note:-1. Boxes may be packed not fully.

2. Designation the label corresponds to the designation of relay version.

2.3. DESIGN REQUIREMENT:

2.3.1. Over-all and mounting dimensions should comply with the dimensions specified in figures in appendices 1 or 1'a'.

Electric schematic circuit diagram of relay and also contact material (grade, standard TY, mass) should comply with the data specified in appendices 2-17.

2.3.2. Mass of relay should not exceed 7.5g.

2.3.3. Working position of relay any position.

2.3.4. Relay terminals should withstand the tensile stress of

19.6H(2.0H Kgf)