

PE20A Enclosed Rotary Cam Switches



Technical Datasheet

Key Features

- UL Approved
- Designed to IEC 60947-3
- IP65 Protection Rated



Options & Ordering Codes

PE
 20A
 -
 Select Option
 -
 K
 -
 90

Series Name
 Enclosed Rotary Cam Switch PE

Operational Current
 20 Amp I_{th} 20A

Select Option
 Insert code from list of available options overleaf

Plate Configuration
 Standard Plate Configuration
90 90° Plate Configuration

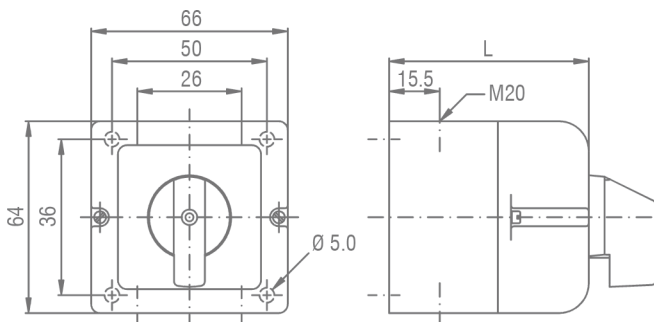
Handle Type
 Lever Operated
K Key Operated*

Technical Specifications

		PE20A
Rated Thermal Current I _{th}	A	20
Rated Operational Voltage U _e IEC / VDE / BS	V	440
Utilisation Category AC21A, AC21B Rated Operational Current I _e	A	20
Utilisation Category AC23B @ 400V	A	16
Utilisation Category AC15 220/240V	A	6
Utilisation Category AC15 380/440V	A	4
Cable Cross Connection	mm ²	0.75 - 2.5
Contact Material		Silver Alloy
Maximum Backup Fuse	gl	20A
Protection Degree		IP65
Ambient Temperature	°C	-40 to +60
Storage Temperature	°C	-50 to +90

* For key operated handle type, please contact IMO

Dimensions (mm)



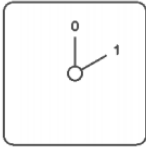
Dimension L with .. cells

1	2	3	4	5	6
43mm	52mm	62mm	71mm	81mm	90mm

PE20A Enclosed Rotary Cam Switches

Options & Ordering Codes select option

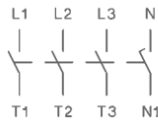
Off-On Switch



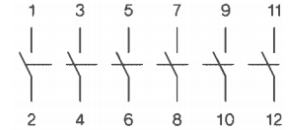
Description	Cells	Part Number
1 Pole	1	PE20A-A1
2 Pole	1	PE20A-A2
3 Pole	2	PE20A-A3
4 Pole	2	PE20A-A4
6 Pole	3	PE20A-A6

Connection Diagram

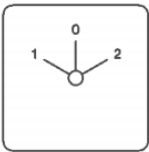
For 1-4 poles



For 6 poles



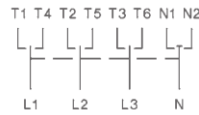
Changeover switches, with off



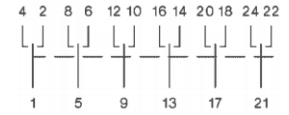
Description	Cells	Part Number
1 Pole	1	PE20A-U1
2 Pole	2	PE20A-U2
3 Pole	3	PE20A-U3
4 Pole	4	PE20A-U4
6 Pole	6	PE20A-U6

Connection Diagram

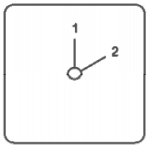
For 1-4 poles



For 6 poles



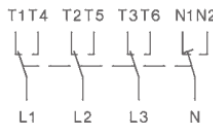
Changeover switches, without off



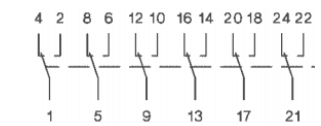
Description	Cells	Part Number
1 Pole	1	PE20A-W1
2 Pole	2	PE20A-W2
3 Pole	3	PE20A-W3
4 Pole	4	PE20A-W4
6 Pole	6	PE20A-W6

Connection Diagram

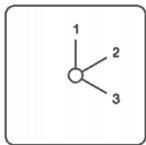
For 1-4 poles



For 6 poles



3 position step switches, without off

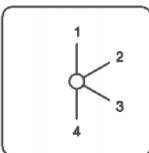


Description	Cells	Part Number
1 Pole	2	PE20A-ST31
2 Pole	3	PE20A-ST32
3 Pole	5	PE20A-ST33

Connection Diagram



4 position step switches, without off

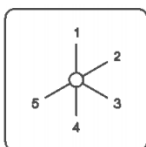


Description	Cells	Part Number
1 Pole	2	PE20A-ST41
2 Pole	4	PE20A-ST42
3 Pole	6	PE20A-ST43

Connection Diagram

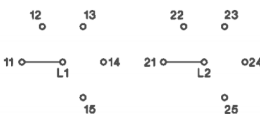


5 position step switches, without off



Description	Cells	Part Number
1 Pole	3	PE20A-ST51
2 Pole	5	PE20A-ST52

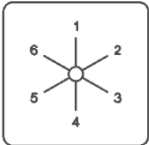
Connection Diagram



PE20A Enclosed Rotary Cam Switches

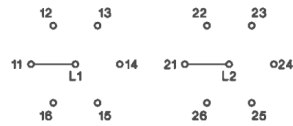
Options & Ordering Codes continued select option

6 position step switches, without off

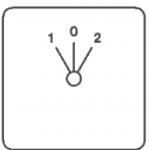


Description	Cells	Part Number
1 Pole	3	PE20A-ST61
2 Pole	6	PE20A-ST62

Connection Diagram

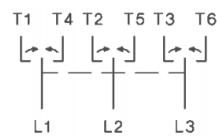


Changeover switch, with spring return to off

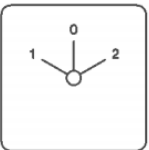


Description	Cells	Part Number
1 Pole	1	PE20A-UR1
2 Pole	2	PE20A-UR2
3 Pole	3	PE20A-UR3

Connection Diagram

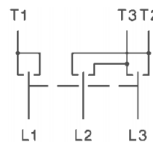


3 phase motor reversing switch

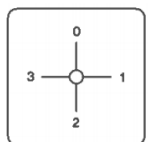


Description	Cells	Part Number
20A : 5.5kW @ 3~440V	3	PE20A-WU3

Connection Diagram

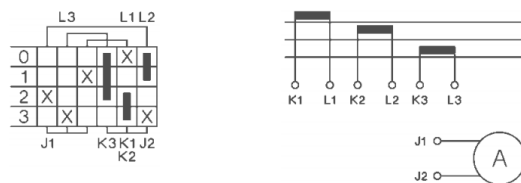


3 current transformers

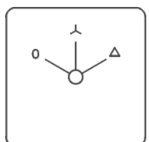


Description	Cells	Part Number
1 Pole	3	PE20A-M31

Connection Diagram



Star Delta switches



Description	Cells	Part Number
1 Rotary Direction 20A : 5.5kW @ 3~440V	4	PE20A-SD

Connection Diagram

