

DESCRIPTION

PRODUCT COVERED:

Component receptacles and plugs ("Mate-N-Lok" Line) cat. nos. tabulated below have Prefixes 1- to 9- and Suffixes -0 to -9.

(Mate-N-Lok line also covered in Vol. 7, Sec. 6).

MATE-N-LOK
(ONE ROW OF POLES)

Poles	Basic Cat. Nos. (Plugs)
1	480350, 480351, 480386, 480401, 480357
2	480318, 480348, 170923, 171174, 171208
3	480305, 480387, 480640
4	480426, 925703, 172294, 172349, 174520
4	174804, 174552, 174723, 175305, 175306,
4	175332, 175330, 178454
8	480459

Poles	Basic Cat. Nos. (Receptacles)
1	480349, 480385, 480400, 480358
2	480318, 480393, 170924, 171175, 171209
3	480303, 480304, 480388, 480639
4	480424, 480425, 925704, 350211
5	480390

MATE-N-LOK (MOTOR MOUNT)
(TWO PARALLEL ROWS OF POLES)

Poles	Basic Cat. Nos. (Plugs)
4	480317
6	480271, 480340, 163046
8	480284, 480345
10	380991, 480286, 480339, 480389, 480432
12	480288, 480434, 480378
16	480438, 480439
20	480404

Poles	Basic Cat. Nos. (Receptacles)
4	480316
6	480270, 163047
8	480283
10	480285, 480403, 480431
12	480287, 480433, 480377
16	480438, 480439

and Report

MATE-N-LOK (PANEL MOUNT)
(THREE PARALLEL ROWS OF POLES)

Poles	Basic Cat. No. (Plugs)
6	480276, 280644
9	480277, 480597, 171109, 171267
12	480278, 163031, 480645, 3500074
15	480324, 170894
21	480381, 480642
21	480399

Poles	Basic Cat. No. (Receptacles)
6	480643, 480646, 171196
9	480503, 480507, 480647, 171110, 171197, 171268
12	480275, 163032, 480506, 480648, 3500073
15	480323, 480461, 480508, 170895
21	480380, 480641
21	480398

MATE-N-LOK (PANEL MOUNT)
(TWO PARALLEL ROWS OF POLES)

Poles	Basic Cat. No. (Plugs)
6	480402, 163046, 163035, 171382

Poles	Basic Cat. No. (Receptacles)
6	163047, 163036, 171383

MATE-N-LOK (PANEL MOUNT)
(ONE ROW OF POLES)

Poles	Basic Cat. No. (Plugs)
3	163037

Poles	Basic Cat. No. (Receptacles)
3	163038

Poles	Basic Cat. No. 172296. Mounting clamp.
4	

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Use - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - In order to be judged acceptable as a component of electrical equipment, the following list of conditions should be met with particular consideration given to the specific contact and pin part numbers used.

1. These devices should be used only where they will not interrupt the current.
2. The current carried by each pole shall be judged under the requirements applicable to the electrical equipment in which the devices are used with respect to operating temperatures.
3. The temperature on the phenolic housing should not exceed 150°C.
4. The placement of these devices within the appliance enclosure should be such that spacings between the live parts and the appliance are suitable for the particular application.
5. The adjacent poles may carry currents at potentials not exceeding 250 V between any two circuits.
6. 600 V may be placed on any two nonadjacent poles if the intervening poles are omitted to increase the total spacing between the live parts of opposite polarity.
7. Voltage higher than 600 V may be accepted where the spacing requirements and Dielectric Strength Test requirements of the equipment in which they are used are met.
8. The suitability of the insulating materials used in the molded bodies shall be judged in the end-use equipment.
9. The insulating materials used for these devices and their related max temperature indices are tabulated on Page 2A of this report. (These materials may be used interchangeably at a max temperature of 50°C.
10. The contacts and pins are to be factory assembled on stranded wire sizes as specified in the description section of this report by crimping before assembly in the body.
11. The contact Part Nos. 60662 and 61320 are for factory assembly of copper wires by soldering the integral lug. It should be noted that the lug projects beyond the back edge of the insulating body.
12. The housings covered by this report when molded of the following material meets or exceeds the Min Profile of Plastics Properties tabulated below.