

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2 AMENDEMENT 2

**Plugs, socket-outlets and couplers for industrial purposes –
Part 2: Dimensional interchangeability requirements for pin and contact-tube
accessories**

**Prises de courant pour usages industriels –
Partie 2: Règles d'interchangeabilité dimensionnelle pour les appareils à
broches et alvéoles**



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FOREWORD

This amendment has been prepared by subcommittee 23H: Industrial plugs and socket-outlets, of IEC technical committee 23: Electrical accessories.

The text of this amendment is based on the following documents:

FDIS	Report on voting
23H/275/FDIS	23H/280/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

1 Scope

Replace in the first paragraph the value "690 V" by "1 000 V".

Replace the fifth paragraph – text introduced by amendment 1 – by the following:

This standard applies to accessories with screwless type terminals or insulation piercing terminals, with a rated current up to and including 32 A for series I and 30 A for series II.

Delete the note following the fifth paragraph.

3 Normative references

Add the following reference:

IEC 60364-4-41, *Low-voltage electrical installations – Part 4-41: Protection for safety – Protection against electric shock*

Table 104

Replace the table by the following new Table 104:

Number of contacts	Type	Frequency Hz	Rated operating voltage V	Accessories earthing- contact position ^a	
				16/20 A 32/30 A	63/60 A 125/100 A
3 contacts	1P+N+ $\perp$ Series II	50 and 60	100 to 130	4	4
		60	277	5	5
	2P+ $\perp$ Series I and II	50 and 60	100 to 130	4	4
			200 to 250	6	6
		50 and 60	380 to 415	9	9
			480 to 500	7	7
			Supply from an isolating transformer	12	12
		100 up to and including 300	Over 50	10	10
		Over 300 up to and including 500	Over 50	2	2
		Direct current	Over 50 up to and including 250 ^d	3	3
			Over 250	8	8
4 contacts	2P+N+ $\perp$ Series II	50 and 60	125/250 single-phase	12	12
	Series I	50 and 60	Supply from an isolating transformer	12	12
	3P+ $\perp$ Series I and II	50 and 60	100 to 130	4	4
			200 to 250	9	9
			380 to 415	6	6
		60	440 to 460 ^b	11	11
		50 and 60	480 to 500	7	7
			600 to 690	5	5
		50 60	380 440 ^c	3	3
		50 and 60	1000	-	8
		100 up to and including 300	Over 50	10	10
		Over 300 up to and including 500	Over 50	2	2
5 contacts	3P+N+ $\perp$ Series I and II	50 and 60	57/100 to 75/130	4	4
			120/208 to 144/250	9	9
			200/346 to 240/415	6	6
			277/480 to 288/500	7	7
			347/600 to 400/690	5	5
		60	250/440 to 265/460 ^b	11	11
		50 60	220/380 250/440 ^c	3	3