

COMET

INDUSTRIAL PLUG & SOCKET



Electrical Features

1. Plugs & Sockets combine simplicity, convenience & reliability through their unique design which makes use of the concept of "Spring-loaded butt-type contacts."
2. Pre-determined optimum contact pressure for high conductivity.
3. Low contact-resistance-low temperature rise.
4. Infinite plug interchangeability with consistent contact pressure no difference in contact pressure with new or old plugs.
5. Non deteriorating contact carrying surface.
6. Self-aligning Self-wiping contacts and wipe align when the plug has been fully inserted.
7. Reliability of Silver contacts unaffected in high temperature conditions.

Product Features

1. Industrial Plugs & sockets are used in tough & arduous conditions in Indoor & outdoor applications. These are available in many IP ratings even water proof protection ratings IP65 & IP 67.
2. They are designed in such a way so that, they can safely connect & disconnect the high amperage loads with complete safety for the operator.
3. The earth control is always in the central position thus eliminating the possibility of inadvertently connecting a live contact to earth it is also impossible to lodge or wedge bare conductors in the socket to obtain a supply.
4. The socket is fitted with a strong spring closed gasketed cover making the unit suitable for outdoor use.
5. The Plug cannot be pulled out of the socket, by its cable or fallout due to positive bayonet type fitting.
6. Spring loaded butt type contact are made from brass with high quality material checked, which cannot heat at certain temperature rise.
7. Plugs are available in two different type: inclined handle, straight handle.
8. Socket can be used with panel mounting as well as wall mounting.

Electrical & Product Rating

	Plug & Socket for use on power circuits	Plug & Socket for use on control circuits
Rated voltage	500V AC	500V AC
Thermal current (Ith)	30 A (Copper cable) 20 A (Al.cable)	12 A (Copper cable) 8 A (Al.cable)
Contact resistance	Less than 1 milli Ohm	Less than 1 milli Ohm
Contact pressure	1.2 kg (min.) 1.35 kg (max.)	1 kg (min.) 1.15 kg (max.)
Mechanical & Electrical life	10.000 operations	15.000 operations
Conduit entry	3/4" dia	3/4" dia
Terminal capacity	6 mm ²	1.5 mm ²
Terminations	Spring loaded	Solder loaded

Product & Electrical Rating	Product & Electrical Rating
3 Pin Plug, 30A, 415V, AC, 2P+E or P+N+E	3 Pin Socket, 30A, 415V, AC, 2P+E or P+N+E
4 Pin Plug, 30A, 415V, AC, 3P+E	4 Pin Socket, 30A, 415V, AC, 3P+E
5 Pin Plug, 30A, 415V, AC, 3P+N+E	5 Pin Socket, 30A, 415V, AC, 3P+N+E
12 Pin Plug, 12A, 415V, AC, (Control Circuit)	12 Pin Socket, 12A, 415V, AC, (Control Circuit)

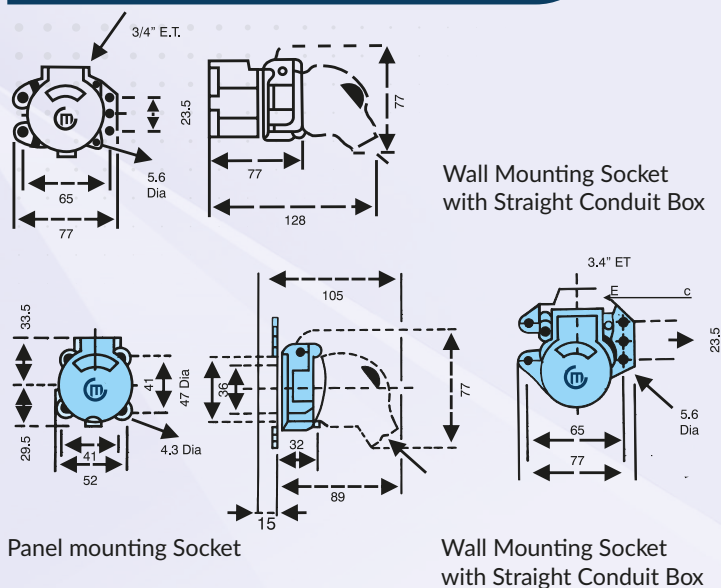
Note = P, E & N denotes pole, earth & neutral

Catalogue Code

Power Circuit Applications	3 Pin Contacts	4 Pin Contacts	5 Pin Contacts
Panel mounting socket	3-PMS	4-PMS	5-PMS
Plug with inclined handle	3-PIH	4-PIH	5-PIH
Plug with straight handle	3-PSH	4-PSH	5-PSH

Control Circuit Applications	12 Pin Contacts
Panel mounting socket	12-PMS
Plug with inclined handle	12-PIH

Power Circuit Application



Control Circuit Application

