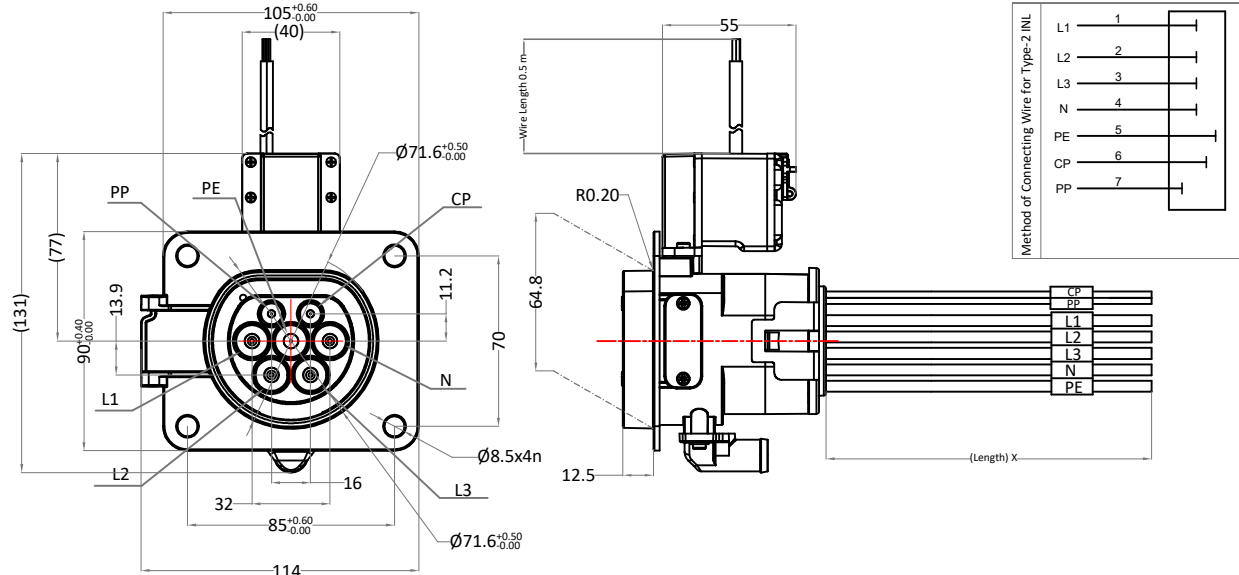


Vehicle Charging Inlet for AC Current (16A, 32A & 63A)

PRODUCT DATA SHEET

REFERENCE

BASIC DIMENSIONS:-



NO.	Connection	16A, 250V AC	16A, 480V AC	32A, 250V AC	32A, 480V AC	63A 480V AC
1	L1	2.5mm ²	2.5mm ²	6mm ²	6mm ²	16mm ²
2	L2	-	2.5mm ²	-	6mm ²	16mm ²
3	L3	-	2.5mm ²	-	6mm ²	16mm ²
4	N	2.5mm ²	2.5mm ²	6mm ²	6mm ²	16mm ²
5	PE	2.5mm ²	2.5mm ²	6mm ²	6mm ²	16mm ²
6	CP	0.5mm ²	0.5mm ²	0.5mm ²	0.5mm ²	0.75mm ²
7	PP	0.5mm ²	0.5mm ²	0.5mm ²	0.5mm ²	0.75mm ²

Specification Table

SR.NO	PARAMETER	SPECIFICATION
1	Type	Vehicle Inlet (Ilf)
2	Rated Current	16A, 32A, 63A
3	Rated Voltage	250V AC / 480V AC
4	Signal Rating	2A 30V DC (For PP & CP)
5	Insulation Resistance at DC 500V	>1000 MΩ
6	Contact Resistance	0.5mΩ Max
7	H.V.Break Down Test	2KV
8	Mechanical Life	>10000 Cycles
9	Insertion Force	<100 N
10	Withdrawal Force	<100 N
11	Permissible Temp. With/Without Load	-30°C TO 50°C
12	Material	(b) Outer Sheath EVM-1/ EVM-2/EVM-3 (d) Conductors Bare Copper, class 5
13	Wire	(i) Live , Neutral,CP As per table of Cable details (ii) Earth,PP
14	Locking Actuator	Rating (Max) 3A 12V DC Motor Current for locking 0.2A Insertion life cycle > 10000 Load Cycles Locking Rod Holding Force ≥ 75N Locking Rod Fracture Force ≥ 300N
15	Protection Degree	Mating- IP44 & Unmating -IP55(With Protection Cap)
16	Shell Material	Thermoplastic
17	Reference Standard	IEC 62196-1, IEC 62196-2, IEC 62893 IS-17017-1, IS 17017-2

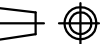
ORDERING CODE:-

Elcom Electric Vehicle Charging	Connector Type	Sub Type	Current Rating	Voltage	Locking Actuator	Cable/Wire	Length (mtr)	Wire Mfg.
EEVC	Type-2 :- T	Inlet :- 2	16A :- P	250V AC :- 1	Without Actuator :- M	Without Wire :- N	1.0	KEI - K
			32A :- Q	480V AC :- 2	With Actuator:- L	With Wire :- W	1.5	Siechem - S
			63A :- R				2.0	Apar - A
								Onitl - O
								Polycab - P

For Example :- EEVC-T2G2LW1.0S :- Elcom Electric Vehicle Charging Type-2 Inlet 32A 480V AC, With Locking Actuator, With 1.0 mtr Siechem wire

Note :- At present Approved Wires = Siechem & Onitl & Under approval = Polycab, Apar, KEI & KEC make Wires.

63A 250V AC will not be Available

PRODUCT :-										CODE :-																					
Type-2 Charging Inlet										EEVC-Type 2 Inlet Series																					
R3	3A 12V DC		3A 12V AC		18-08-24	Pagar	PBM	APP	15.09.23	PBM	 Plot E-4, Kagal Five Star MIDC, Kagal, Kolhapur, MH - 416236, India Elcom International Pvt. Ltd. www.elcom-in.com																				
	2A 30V DC		2A 30V AC					CHK	15.09.23	Pagar																					
	Updated Cable Details							DRN	15.09.23	YDP																					
	Note Updated																														
R2	Added Cable Mfg Table in Ordering Table				11-03-24	Pagar	PBM																								
R1	Modified Codes				25-11-23	Pagar	PBM																								
REV	IS		WAS		DATE	SIGN	APP.	BY	DATE	SIGN																					
UNSP.TOLERANCE				DIMNS. IN		WT(Gm)		SCALE:-				SHEET		DRAWING NUMBER																	
OVER	-	1	10	mm		Max.		NTS.																							
UP TO	1	10	-																												
+	0.2	0.3	0.5	Moulding, plating details as per Bill of Material Unspecified colour is Black, GF:Glass filled.										1 OF 1		E	V	T	P	2	I	N	L	REVISION							
																						R3									

F:ENG-08.00

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Note: Technical specifications are subject to change without prior notice