

ITI Electrical Symbols

पूरी लिस्ट — Hindi Meaning Ke Saath

ITI Electrician Theory + Practical + Exam Revision

Is PDF me 50+ electrical symbols category-wise diye gaye hain —
har symbol ke saath drawing ki pehchan aur use Hindi me.

ITI theory paper, practical exam aur interview — teeno me kaam aayegi.

Source: BhartiyeStudent — bhartiystudents.site

Wire Aur Supply Ke Symbols

Symbol Ka Naam	Drawing Ki Pehchan / Use
Direct Current (DC)	Seedhi aadhi rekha ke neeche chhoti tooti rekha
Alternating Current (AC)	Ghoomavdaar lehar (~) jaisi rekha
Positive / Negative Terminal	Plus (+) / Minus (-) ka nishan
Earthing / Ground	Neeche ki taraf chhoti hoti teen aadhi rekhaen
Connected Wires	Milne ki jagah kaala bindu (dot)
Crossed Wires (no connection)	Rekha kaatkar nikle, bindu nahi
Single Phase / Three Phase	1 ϕ / 3 ϕ likha hota hai
Lightning Arrestor	Zig-zag teer zameen ki taraf

Switch Ke Symbols

Symbol Ka Naam	Drawing Ki Pehchan / Use
Single Pole One-Way Switch	Chhoti tedhi rekha, ek bindu se judi
Two-Way Switch	Do taraf jhuki rekha — staircase wiring me
Push Button Switch	Dabaane wala button, gol sirha
Bell Push	Push button + ghanti ka nishan
Double Pole Switch	Do tedhi rekhaen ek saath
Knife Switch	Chaaku jaisi khuli rekha
Limit Switch	Roller wala chhota switch
Isolator	Khula break, lambi rekha

Lamp, Socket Aur Load Ke Symbols

Symbol Ka Naam	Drawing Ki Pehchan / Use
Lamp / Bulb	Gol ghera, andar cross (X)
Fluorescent Tube	Lambi aayat, dono siron par pin
Socket Outlet	Aadha gol ghera, andar do chhoti rekha
Ceiling Rose	Gol ghera, andar chhota gol
Ceiling Fan	Gol ghera, andar pankhudi jaisi rekhaen
Exhaust Fan	Pankha + teer bahar ki taraf
Electric Bell	Ghanti jaisa gol-gumbad aakaar
Buzzer	Aadha gol, andar bindu
Heater	Zig-zag (tooti-phooti) rekha

Measuring Instruments Ke Symbols

Symbol Ka Naam	Drawing Ki Pehchan / Use
Ammeter (A)	Gol ghera + A — hamesha SERIES me
Voltmeter (V)	Gol ghera + V — hamesha PARALLEL me
Wattmeter (W)	Gol ghera + W — power naapne ke liye
Energy Meter (kWh)	Gol ghera + kWh — unit naapne ke liye
Ohmmeter (Ω)	Gol ghera + Ω — resistance ke liye
Galvanometer (G)	Gol ghera + G — chhoti current ki disha
Frequency Meter (Hz)	Gol ghera + Hz
Power Factor Meter	Gol ghera + $\cos \phi$

Protection Devices Ke Symbols

Symbol Ka Naam	Drawing Ki Pehchan / Use
Fuse (Rewirable)	Aayat ke andar taar jaisi rekha
Cartridge / HRC Fuse	Bhaari aayat, dono siron par topi
MCB	Switch jaisa — trip ke baad dobara on
ELCB / RCCB	MCB jaisa + test button — jhatke se bachav
Circuit Breaker	Tooti rekha, varg ke andar
Overload Relay	Motor ko zyada load se bachata hai
Contactor	Remote on/off ke liye — motor starter me

Motor Aur Transformer Ke Symbols

Symbol Ka Naam	Drawing Ki Pehchan / Use
DC Motor (M)	Gol ghera + M
AC Motor (Single Phase)	Gol ghera + M, saath ~
Three Phase Induction Motor	Gol ghera + M, saath 3φ
Transformer	Do aamne-saamne kundli ke nishan
Auto Transformer	Ek kundli, beech me tapping
Current Transformer (CT)	Badi current naapne ke liye
Potential Transformer (PT)	High voltage naapne ke liye
Generator / Alternator (G)	Gol ghera + G
Cell / Battery	Ek lambi + ek chhoti rekha / kai cell ek line me