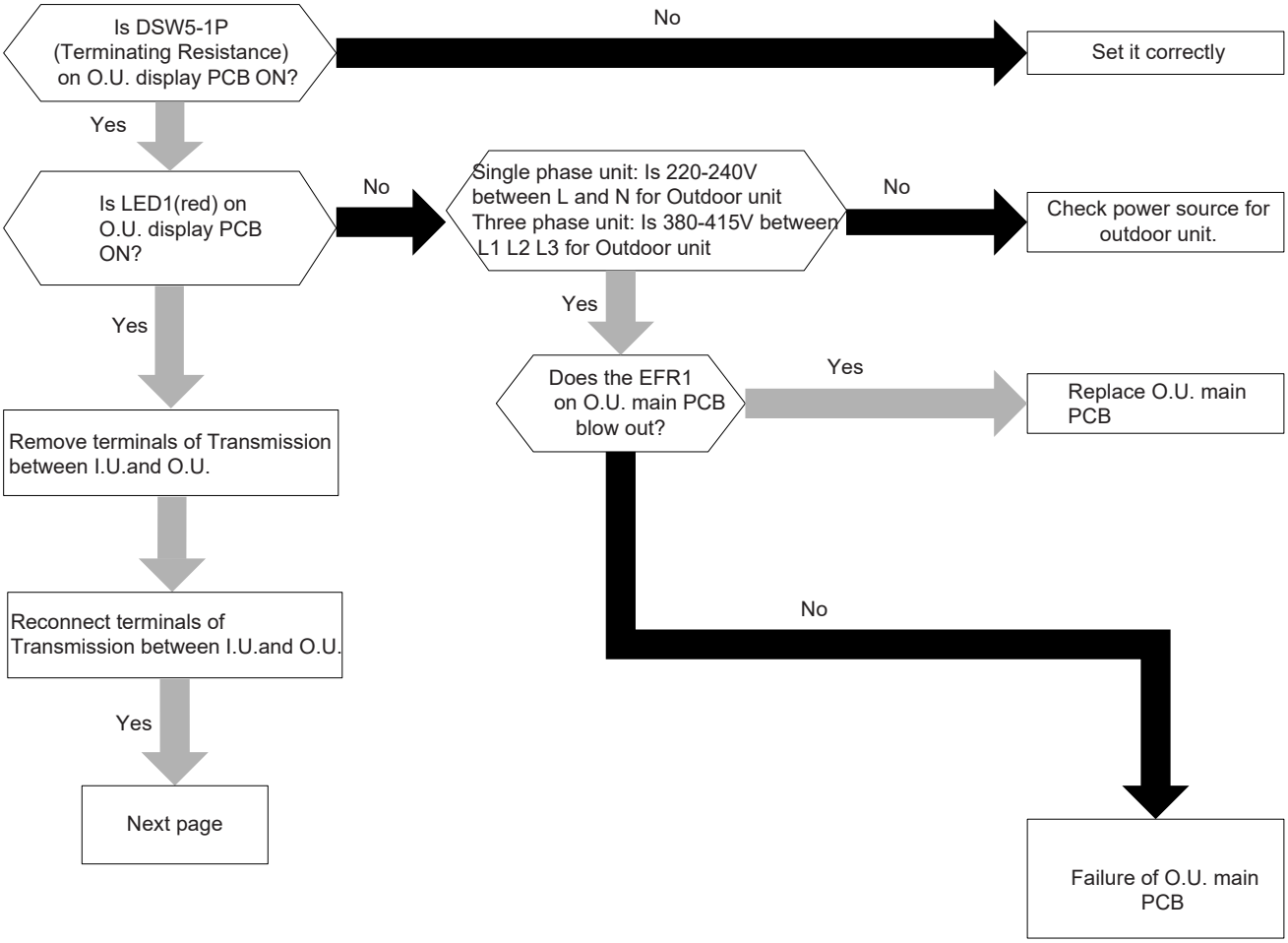
Alarm Code 03	Abnormal Transmitting between Indoor and Outdoor Units

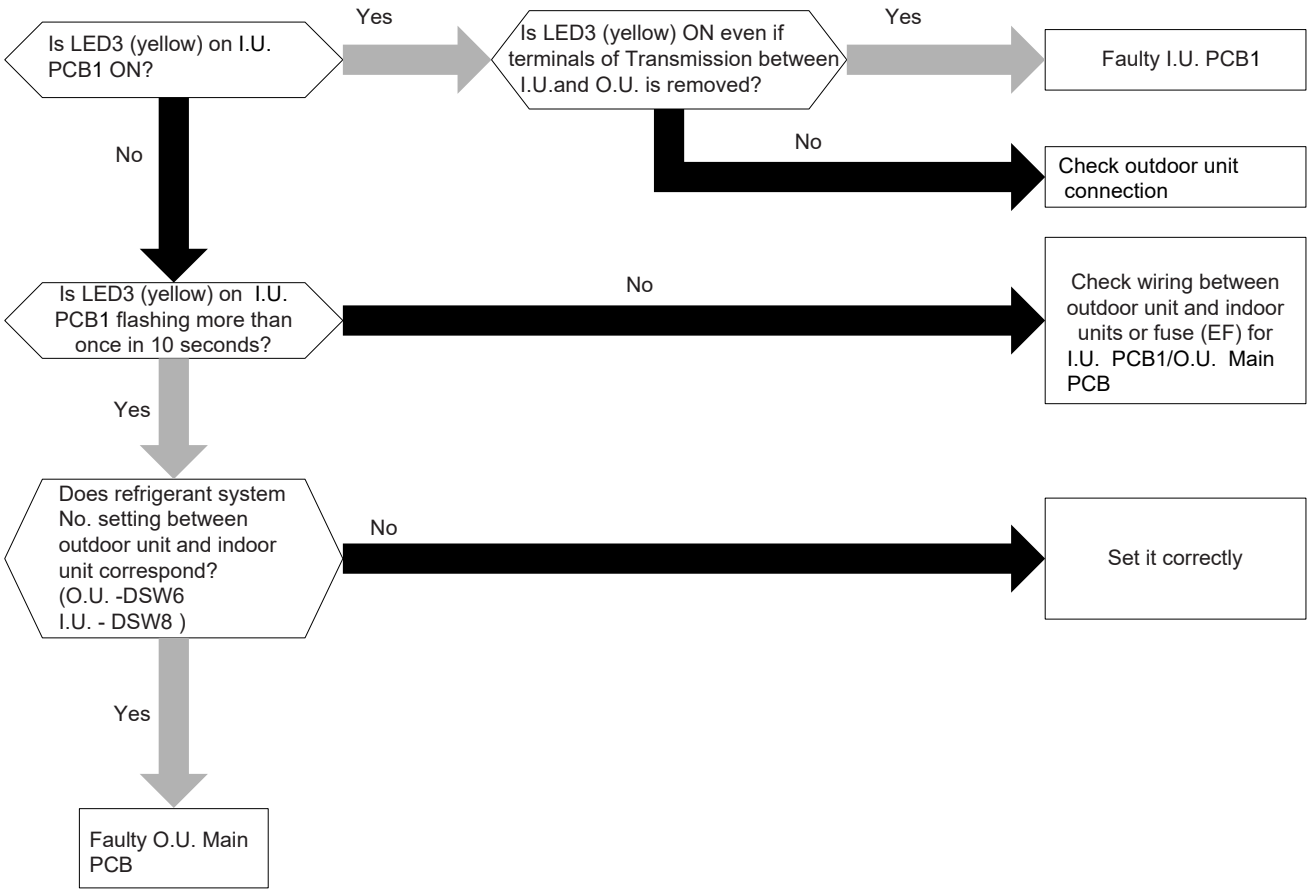
Alarm code is displayed on the master controller/ the 7-segment of O.U. display PCB / the 7-segment of I.U. PCB1.

★ This alarm is displayed when abnormal transmission between O.U.and I.U. is maintained for three minutes after the normal transmission.Also, abnormal transmission between O.U.and I.U.is maintained for 30 seconds after the micro-computer is automatically reset.

★ The alarm is displayed when the abnormal transmission is maintained for 30 seconds from the starting of the outdoor unit.

★ Investigate the cause of the overcurrent and take the necessary action when the fuses are blown out or the breaker for the outdoor unit is activated.




Is LED3 (yellow) on I.U. PCB1 ON?
Yes
Is LED3 (yellow) ON even if terminals of Transmission between I.U.and O.U. is removed?
Yes
Faulty I.U. PCB1
No
Check outdoor unit connection
No
Is LED3 (yellow) on I.U. PCB1 flashing more than once in 10 seconds?
No
Check wiring between outdoor unit and indoor units or fuse (EF) for I.U. PCB1/O.U. Main PCB
Yes
Does refrigerant system No. setting between outdoor unit and indoor unit correspond? (O.U. -DSW6 I.U. - DSW8)
No
Set it correctly
Yes
Faulty O.U. Main PCB

Phenomenon	Cause	Check item	Action (Turn OFF Main Switch)
Power failure or power is not ON		Measure the voltage by tester.	Supply power.
Melted Fuse for Power Supply or Activation of Breaker (Outdoor Unit)	Short Circuit between Wires	Check for breakage of insulation.	Remove cause of short circuit. Replace fuse on I.U. PCB1 or O.U.main PCB if faulty.
	Short Circuited Wire to Ground	Measure insulation resistance.	Remove cause of short circuit. Replace fuse on I.U. PCB1 or O.U.main PCB if faulty.
	Faulty Comp. Motor	Measure resistance between wires and insulation resistance.	Replace O.U. main PCB.
	Faulty Outdoor Unit Fan Motor	Measure resistance between wires and insulation resistance.	Replace outdoor unit fan motor and fuse. Replace O.U. PCB if faulty.
Melted Fuse on PCB (Outdoor Unit)	Short Circuit between Wires	Check for breakage of insulation.	Remove cause of short circuit.
	Short Circuit (to Ground)	Measure insulation resistance.	Remove cause of short circuit .
	Faulty Electrical Coil Resistance for Comp. Motor	Measure resistance of coil.	Replace Compressor wiring or Compressor refer to 1.3.4.
	Failure of Outdoor Unit Fan Motor	Measure resistance between wires and insulation resistance.	Replace fan motor refer to 1.3.4.
Incorrect Power Supply Circuit of O.U. main PCB		Measure O.U. main PCB output.	Replace electrical box
Disconnected Wires Insufficient Contacting or Incorrect Connection	Between Outdoor Unit and Indoor Unit	Check continuity of wires. Check for looseness of connection screws. Check terminal Nos.	Replacing wires, repairing and tightening screws.
	Power Supply Wiring for Outdoor Unit		Correctly connect wires.
Faulty PCB(Outdoor Unit,Indoor Unit)	Disconnected Wires to Check connection I.U.PCB1/O.U. main PCB	Check connections.	Correctly connect wires.
	Faulty I.U.PCB1/O.U. main PCB		Replace it if faulty.
Incorrect Wiring	Disconnected Wire Insufficient Contacting	Check continuity and looseness of connection screws.	Replacing Wires, Repairing and Tightening Screws
	Incorrect Wiring	Check terminal	Correctly connect wires.