

ANSI Device Number by Products

MODEL	DESCRIPTION	DEVICE No.
239	Small HP MV Motor Protection System	49/50/51(+)
269 Plus	Medium HP MV Motor Protection System	49/50/51(+)
369	Medium HP MV Motor Protection System	49/50/51(+)
469	Large HP MV Motor Protection System	87S(+)
489	Generator Protection System	87S(+)
735/737	3 Phase + Ground Feeder Protection System	50/51
745	Transformer Protection System	87T(+)
750/760	Feeder Protection System	50/51,79 (+)
ALPS	Advanced Line Protection Relay	21(+)
B30	Bus Differential System	87B(+)
B90	Bus Differential System	87B(+)
BDD	Transformer Differential, Harmonic Restraint	87T(+)
BUS1000 / 2000	Analog Bus Differential System	87B(+)
C30	Controller System	86, 74 (+)
C60	Breaker Protection System	50/51, 86, 74 (+)
CEB	Offset Mho Directional-Distance	21, 68
CEH	Loss Of Excitation Relay	40
CEX57	Angle Impedance Relay	78
CEY	Reactance And Mho Phase Directional-Distance	21
CEYG	Reactance And Mho Phase Directional-Distance	21N
CFD	High Speed Differential Relay	87
CFVB	Voltage-balance Relay	60
CHC	Instantaneous Overcurrent Relay	50
CIO	CAN BUS Input/Output Module	74 (+)
D30	Line Distance Protection System	21(+)
D60	Line Distance Protection System	21(+)
DBF	Digital Breaker Failure Relay	50BF
DBT	Digital Breaker Supervision	74 (+)
DDS	Digital Distribution System	50/51(+)
DFF	Digital Frequency Relay	81
DGP	Digital Generator Protection	87S(+)
DIAC	Single Phase Digital Overcurrent Protection	51, 50/51
DIFC	Single Phase Digital Overcurrent Protection	51, 50/51
DLPD	Digital Line Protection System	21(+)
DRS	Numerical Single & Three Phase Reclosing System	79 (+)
DSFC	Single Phase Digital Overcurrent Protection	51, 50/51
DTP-B	Digital Transformer Protection Relay	87T(+)
DTR	Transformer Tap Changer Controller	84
F35	Multiple Feeder Protection System	50/51/79(+)
F60	Feeder Protection System	50/51/79(+)
F650	Feeder/Bay Protection System	50/51/79(+)
FM2	Feeder Protection System	50/51(+)

(+) Multifunction relay

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G30	Generator Protection System	87S/87T(+)
G60	Generator Protection System	87S/87N(+)
GCX	Phase Packaged Directional-distance Relay	21
GCY	Phase Packaged Directional-distance relay	21
GGP	Power Directional Relays	32
GSY	Generator Out-Of-Step	78
GXS	Auto Sync/Sync Check	25
HAA	Auxiliary or Annunciator Relay	30, 74, 94
HEA	Multicontact Auxiliary Relay	86, 30, 94
HFA	Multicontact Auxiliary Relay	86, 30, 94
HFC	Instantaneous Overcurrent Relay	50
HGA	Hinged Armature Auxiliary Relay	30, 74, 94
HGA18	Single-shot Reclosing Relay	79
HMA	Hinged Armature Auxiliary Relay	30, 74, 94
IAC	Time-overcurrent Relay	51, 50/51
IAV	Time Delay Voltage Relay	27, 59, 64
IBC	Directional Overcurrent Relay	67
IBCG	Ground Directional Overcurrent	67N
ICR	Phase Sequence and Undervoltage	47
ICW	Power Directional Protection Relay	32, 37
IFC	Time Overcurrent Relay	51, 50/51
IFCS	Time Overcurrent With Voltage Control	51
IFCV	Time Overcurrent With Voltage Restraint	51V
IFV	Time Delay Voltage Relay	59, 64
IJC	Current Balance Relay	46
IJD	Percentage Differential Relay	87
IJS	Synchronism Check Relay	25
JBC	Phase Directional Overcurrent	67
JBCG	Ground Directional Overcurrent	67N
JBCV	Directional Overcurrent, Voltage Restraint	67, 51V
L60	Line Phase Comparison System	87L(+)
L90	Line Differential System	87L(+)
LPS	Line Protection System	21(+)
LPS-O	Generator Backup / Out-of-Step Protection	78(+)
M60	Motor Protection System	49,50/51,87S (+)
MFF	Digital Frequency Relay	81
MGC	Digital Generator Protection Relay	46, 49, 51
MIB	High Impedance Bus Differential System	87B (+)
MIC	Digital Overcurrent Relay	50/51
MIF II	Feeder Protection System	50/51, 79

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MODEL	DESCRIPTION	DEVICE No.
MIG II	Generator Protection System	49, 50/51
MIN II	Ground Protection System	50/51G
MIV II	Voltage/Frequency Protection System	27, 59, 81
MIW II	Directional Power Protection System	32, 40
MLJ	Digital Synchronism Check Relay	25
MM2	Motor Protection System	49,50/51 (+)
MM3	Motor Protection System	49,50/51 (+)
NAA	Pilot/Distance Auxiliary Relay	78, 85
NBV	Voltage Unbalance Relay	47, 60
NGA	Contact Auxiliary Relay	94
NGV	Instantaneous Under/Over Voltage Relay	27, 59
PJC	Instantaneous Overcurrent Relay	37, 50, 76
PJG	Machine Field Ground Relay	64
PJV	Instantaneous Voltage Relay	27, 59
PVD	Differential Voltage Relay	87
RRTD	Remote RTD Module	30,49, 74(+)
SAM	Static Timing Relay	2
SB-1	Control and Transfer Switches	30, 74
SB-10	Control and Transfer Switches	30, 74
SB-9	Master Control Switches	30, 74
SBC	Static Breaker Backup Relays	50BF
SBD	Differential Voltage Relay	87
SBM	Control and Transfer Switches	30, 74
SCA	Static Directional Comparison Blocking Relay	85
SFF	Static Digital Frequency Relay	81
SGC	Negative Sequence Overcurrent	46
SLJ	Static Synchronism Check Relay	25
SMOR-B	Feeder Management System	50/51,79 (+)
SPM	Synchronous Motor Protection & Control	50/55/27(+)
STD	Percentage Differential with Harmonic Restraint	87
STV	Overexcitation (V/Hz)	24
T35	Transformer Protection System	87T (+)
T60	Transformer Protection System	87T (+)
TOV	Modular Voltage Relay	27, 59

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