

DIGITAL CONTROLS FEATURES AND SPECIFICATIONS

DIGITAL CONTROLS

LEGEND

D	DAY
H	HOURS
MIL	MILITARY
MO	MONTH
T	TOTAL
W	WEEK
YR	YEAR
P	PROGRAMMED
DC	DRY CONTACTS
WC	WET CONTACTS

	E100B SERIES	E100PB SERIES	EH 10/20B	DG180	DG100	DG120	DWZ100B	DW200B	DGM100	DGU100	DGUM100	DGS100	DGS180	
Number of Channels	1	1	1	1	1	1	1	2	1	1	1	1	1	
ON/OFF Operations	20	20	20	288	32	32	99	99	32	32	32	32	288	
Auto Daylight Savings Adj.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Removeable Memory Module														
AM/PM/Military Time	AM-PM	AM-PM	AM-PM	AM-PM MIL.	AM-PM MIL.	AM-PM MIL.	AM-PM MIL.	AM-PM MIL.	AM-PM MIL.	AM-PM MIL.	AM-PM MIL.	AM-PM MIL.	AM-PM MIL.	
Holidays, Temporary: B = Block Mode					Special Day Schedule	Special Day Schedule	24	24	Special Day Schedule	Special Day Schedule	Special Day Schedule	Special Day Schedule		
Manual Override	YES	YES	YES INTERNAL EXTERNAL	TO NEXT EVENT	TO NEXT EVENT	TO NEXT EVENT	TO NEXT EVENT	TO NEXT EVENT	TO NEXT EVENT	TO NEXT EVENT	TO NEXT EVENT	TO NEXT EVENT	TO NEXT EVENT	
365 Day / 7 Day Scheduling	EW is 7D		7D	DAY OMIT	7D	7D	365D	365D	7D	7D	7D	7D	DAY OMIT	
Momentary (MO) [1-2 sec. fixed duration] or Maintained (MA) Output	MA	MA	MA	MA	MA	MA	MA	MA	MO	MA	MO	SIGNAL DURATION	SIGNAL DURATION	
Duty Cycling														
Visual Load Status Indicators	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Remote Override										UNIVERSAL INPUT	UNIVERSAL INPUT			
Service Switches														
Automatic Leap Year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Astronomic							Yes							
Signal Control: Bell, Buzzer, Ring												2 Durations	2 Durations	
Skip-A-Day				Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Staggered Start														
Output Contact: Amps Resistive	40A**	30A*	40A	20A. NO 10A. NC	20A. NO 10A. NC	15A. NO 10A. NC	20A. NO 10A. NC	20A. N.O 10A. NC	15A. NO 10A. NC	20A. NO 10A. NC	15A. NO 10A. NC	20A. NO 10A. NC	20A. NO 10A. NC	
Contact Type: Dry Unpowered	SPST DPST SPDT	SPST DPST SPDT	EH10B-SPST EH20B-DPST	SPDT	SPDT	DPDT	SPDT	SPDT	2-SPDT	SPDT	2-SPDT	SPDT	SPDT	
Voltage Input A.C.	24 120 208 240 277	120 VAC only	120 240	24 120 240 277 12VDC	24 120 240 277 12VDC	24 120 240	24 120 208 240 277 12VDC	24 120 208 240 277 12VDC	24 120 240 277 12VDC	24 120 240 277 12VDC	24 120 240 277 12VDC	24 120 240 277 12VDC	120 240	
Battery Back-up: real time	100H rechargeable SuperCapacitor	100H rechargeable SuperCapacitor	100H rechargeable SuperCapacitor	450H Lithium 175H Alkaline	450H Lithium 175H Alkaline	450H Lithium 175H Alkaline	100H rechargeable SuperCapacitor	100H rechargeable SuperCapacitor	450H Lithium 175H Alkaline	275H Lithium 100H Alkaline	275H Lithium 100H Alkaline	450H Lithium 175H Alkaline	450H Lithium 175H Alkaline	
Schedule retention without power	Permanent	Permanent	Permanent				Permanent	Permanent						

* E120PB Series – 20A. NO - 10A. NC

** E120B Series - 30A

DIGITAL CONTROLS FEATURES AND SPECIFICATIONS (cont'd)

LEGEND

D	DAY
H	HOURS
MIL	MILITARY
MO	MONTH
T	TOTAL
W	WEEK
YR	YEAR
P	PROGRAMMED
DC	DRY CONTACTS
WC	WET CONTACTS

	EWZ 100 SERIES	EWZ 200	DLC400BP	DGLC	DIN 100A	DIN 101B/201B	DZS 100BP	DZS 200BP	DTS 100B	DTS 200B	DZM 200BP	DZS 400BP	DTS 400B	K 400/600 800Z	K 401/601 801Z
Number of Channels		2	4	2 circuit	1	1/2	1	2	1	2	2	4		4/6/8	
ON/OFF Operations	20		99	32	20	30/40	99		99		99	99	40/W*		
Auto Daylight Savings Adj.	Yes		Yes	Yes	Yes	Yes	Yes		Yes		Yes	Yes	Yes		
Removeable Memory Module			Yes				Yes				Yes	Yes	No		
AM/PM/Military Time	AM-PM		AM-PM MIL.	AM-PM MIL.	AM-PM	AM-PM	AM-PM MIL.		AM-PM MIL.		AM-PM MIL.	AM-PM MIL.		AM-PM	
Holidays, Temporary: B = Block Mode			24 4S	Special Day Schedule			24 4S		24 4S		24 4S	24 4S		40 8B	40 8S
Manual Override	Yes		TO NEXT EVENT	TO NEXT EVENT	YES	YES	TO NEXT EVENT		TO NEXT EVENT		TO NEXT EVENT	TO NEXT EVENT		YES	
365 Day / 7 Day Scheduling	7D		365D	7D	7D	7D	365D		365D		365D	365D		365D	
Momentary (MO) [1-2 sec. fixed duration] or Maintained (MA) Output	MA	MA (MO: 1 channel)	MA	MA	MA	Signal duration or MA	Signal duration or MA		Signal duration or MA		MO	Signal duration or MA		2 Sec. or MA	Signal duration or MA
Duty Cycling						Yes								Yes	
Visual Load Status Indicators	Yes		Yes	Yes	Yes	Yes	Yes		Yes		Yes	Yes		Yes	
Remote Override			PHOTOCELL/DIGITAL INPUT	PHOTOCELL INPUT										TIMED	
Service Switches														Yes	
Automatic Leap Year	Yes		Yes	Yes	Yes	Yes	Yes		Yes		Yes	Yes		Yes	
Astronomic	Yes		Yes				Yes				Yes	Yes	No		
Signal Control: Bell, Buzzer, Ring						Yes	2 Durations		2 Durations			2 Durations		2 Sec. Only	Yes
Skip-A-Day	Yes		Yes	Yes	Yes	Yes	Yes		Yes		Yes	Yes		Yes	
Staggered Start														Yes	
Output Contact: Amps Resistive	40A		30A	15A. NO 10A. NC	16A	16A	20A. NO 10A. NC		20A. NO 10A. NC		10A	10A .25DC		10A	
Contact Type: Dry Unpowered	SPST		4 SPDT	2 SPDT	SPDT	SPDT	2 DPDT 2 SPDT		2 DPDT 2 SPDT		2 SPDT	4 SPDT		4/6/8 SPDT	
Voltage Input A.C.	24 120 208 240 277		120 208 240 277	120	120	120	24 120 208 240 277 12VDC		24 120 208 240 277 12VDC		24 120 208 240 277 12VDC	24 120 208 240 277 2VDC		120 240	
Battery Back-up: real time	100H rechargeable SuperCapacitor		6MO Lithium	275H Lithium 100H Alkaline	Lithium 3 yrs cumulative	Lithium 3 yrs cumulative	100H rechargeable SuperCapacitor		100H rechargeable SuperCapacitor		100H rch SuperCap	100H rechargeable SuperCapacitor		6MO Lithium	
Schedule retention without power	Permanent		Permanent				Permanent		Permanent		Permanent	Permanent			

* Per Channel
** Din Rail Mounting