

DRIP IRRIGATION CONTROL PANEL OPTIONS – INPUT – OUTPUT

Model #	DICP-02-412NC	DICP-02-412	DICP-02-622	DICP-02-826	DICP-02-1030
	2 Pump	2 Pump	2 Pump	2 Pump	2 Pump
	Starter & Motor Circuit Breaker Included	Starter & Motor Circuit Breaker Included	Starter & Motor Circuit Breaker Included	Starter & Motor Circuit Breaker Included	Starter & Motor Circuit Breaker Included
Starter & Breaker Type	IEC Rated	IEC Rated	IEC Rated Option: NEMA	IEC Rated Option: NEMA	IEC Rated Option: NEMA
Pump Power Supply	Single Phase Option: Three Phase	Single Phase Option: Three Phase	Single Phase Option: Three Phase	Single Phase Option: Three Phase	Single Phase Option: Three Phase
Single Phase IEC Pump Rating	115 Vac = 2 HP 230 Vac = 5 HP	115 Vac = 2 HP 230 Vac = 5 HP	115 Vac = 2 HP 230 Vac = 5 HP	115 Vac = 2 HP 230 Vac = 5 HP	115 Vac = 2 HP 230 Vac = 5 HP
Three Phase IEC Pump Rating	230 Vac = 10 HP 460 Vac = 20 HP	230 Vac = 10 HP 460 Vac = 20 HP	230 Vac = 10 HP 460 Vac = 20 HP	230 Vac = 10 HP 460 Vac = 20 HP	230 Vac = 10 HP 460 Vac = 20 HP
Panel	FRP NEMA 4X 24" x 20"	FRP NEMA 4X 24" x 20"	FRP NEMA 4X 30" x 24"	FRP NEMA- 4X 36" x 30"	FRP NEMA 4X 36" x 30"
Operator Interface Console (OIC)	Color Touch Screen - Internal or "Through Door" Mounting	Color Touch Screen - Internal or "Through Door" Mounting	Color Touch Screen - Internal or "Through Door" Mounting	Color Touch Screen - Internal or "Through Door" Mounting	Color Touch Screen - Internal or "Through Door" Mounting
Programmable Logic Controller (PLC)	AB Micrologix 1200; 1762- L24AWA	AB Micrologix 1500; 1764- LSP & 24AWA	AB Micrologix 1500; 1764- LSP & 24AWA	AB Micrologix 1500; 1764- LSP & 24AWA	AB Micrologix 1500; 1764- LSP & 24AWA
Outputs for Autodialer	2 individual – Autodialer not included	4 individual – Autodialer not included	4 individual – Autodialer not included	4 individual – Autodialer not included	4 individual – Autodialer not included
Remote Communications	OPTION: Local DH485 Net	OPTION: Additional RS232 Serial Port (1764-LRP)	OPTION: Additional RS232 Serial Port (1764-LRP)	OPTION: Additional RS232 Serial Port (1764-LRP)	OPTION: Additional RS232 Serial Port (1764-LRP)
Type of Remote Comm	PC Screen within 8,000 feet	Radio or Phone Telemetry	Radio or Phone Telemetry	Radio or Phone Telemetry	Radio or Phone Telemetry
Lightning Protection	Inputs & outputs except Autodialer outputs isolated.	Inputs & outputs except Autodialer outputs isolated.	Inputs & outputs except Autodialer outputs isolated.	Inputs & outputs except Autodialer outputs isolated.	Inputs & outputs except Autodialer outputs isolated.
Control Power	120 Vac - UPS recommended	120 Vac - UPS recommended	120 Vac - UPS recommended	120 Vac - UPS recommended	120 Vac - UPS recommended
Manual Operation	Inputs & outputs except Autodialer all controlled through Hand- Off-Auto switches	Inputs & outputs except Autodialer all controlled through Hand- Off-Auto switches	Inputs & outputs except Autodialer all controlled through Hand- Off-Auto switches	Inputs & outputs except Autodialer all controlled through Hand- Off-Auto switches	Inputs & outputs except Autodialer all controlled through Hand- Off-Auto switches
Wetwell (storage tank)	Five float auto operating system: Low Level Alarm Pump Off Pump Enable High Duty High Level Alarm	Five float auto operating system: Low Level Alarm Pump Off Pump Enable High Duty High Level Alarm	Five float auto operating system: Low Level Alarm Pump Off Pump Enable High Duty High Level Alarm	Five float auto operating system: Low Level Alarm Pump Off Pump Enable High Duty High Level Alarm	Five float auto operating system: Low Level Alarm Pump Off Pump Enable High Duty High Level Alarm
Zones	Automatic zone dosing based on time or flow; Automatic field flush (7-30 days)	Automatic zone dosing based on time or flow; Automatic field flush (7-30 days)	Automatic zone dosing based on time or flow; Automatic field flush (7-30 days)	Automatic zone dosing based on time or flow; Automatic field flush (7-30 days)	Automatic zone dosing based on time or flow; Automatic field flush (7-30 days)
Filters	Automatic filter backwash & air scour based on back-pressure, dosing time, or manual initiation	Automatic filter backwash & air scour based on back-pressure, dosing time, or manual initiation	Automatic filter backwash & air scour based on back-pressure, dosing time, or manual initiation	Automatic filter backwash & air scour based on back-pressure, dosing time, or manual initiation	Automatic filter backwash & air scour based on back-pressure, dosing time, or manual initiation
Single Contingency Failure Protection Logic	Float Failure, Pump Failure, Zone Failure	Float Failure, Pump Failure, Zone Failure	Float Failure, Pump Failure, Zone Failure	Float Failure, Pump Failure, Zone Failure	Float Failure, Pump Failure, Zone Failure

Model #	DICP-02-412NC	DICP-02-412	DICP-02-622	DICP-02-826	DICP-02-1030
SPECIAL ITEMS					
Cable: PLC to EZ Screen	EZ-MLOGIX-CBL	EZ-MLOGIX-CBL	EZ-MLOGIX-CBL	EZ-MLOGIX-CBL	EZ-MLOGIX-CBL
COMM Option A1: DH485 Net To PC up to 4000' away (PC & software not included)	1762-NET-AIC & 1761-CBL-AP00 (added to control panel) Plus a 1762-NET-AIC, a 24 Vdc power supply & a 1747-CP3 cable in a remote panel.	1762-NET-AIC & 1761-CBL-AP00 (added to control panel) Plus a 1762-NET-AIC, a 24 Vdc power supply & a 1747-CP3 cable in a remote panel.	1762-NET-AIC & 1761-CBL-AP00 (added to control panel) Plus a 1762-NET-AIC, a 24 Vdc power supply & a 1747-CP3 cable in a remote panel.	1762-NET-AIC & 1761-CBL-AP00 (added to control panel) Plus a 1762-NET-AIC, a 24 Vdc power supply & a 1747-CP3 cable in a remote panel.	1762-NET-AIC & 1761-CBL-AP00 (added to control panel) Plus a 1762-NET-AIC, a 24 Vdc power supply & a 1747-CP3 cable in a remote panel.
COMM Option A2: DH485 Net To PC up to 8000' away (PC & software not included)	1762-NET-AIC & 1761-CBL-AP00 (added to control panel) Plus a 1762-NET-AIC, a 24 Vdc power supply & a 1747-CP3 cable in a remote panel Plus a repeater panel with two 1762-NET-AICs, a 1761-CBL-AM00, and a 24 Vdc power supply.	1762-NET-AIC & 1761-CBL-AP00 (added to control panel) Plus a 1762-NET-AIC, a 24 Vdc power supply & a 1747-CP3 cable in a remote panel Plus a repeater panel with two 1762-NET-AICs, a 1761-CBL-AM00, and a 24 Vdc power supply.	1762-NET-AIC & 1761-CBL-AP00 (added to control panel) Plus a 1762-NET-AIC, a 24 Vdc power supply & a 1747-CP3 cable in a remote panel Plus a repeater panel with two 1762-NET-AICs, a 1761-CBL-AM00, and a 24 Vdc power supply.	1762-NET-AIC & 1761-CBL-AP00 (added to control panel) Plus a 1762-NET-AIC, a 24 Vdc power supply & a 1747-CP3 cable in a remote panel Plus a repeater panel with two 1762-NET-AICs, a 1761-CBL-AM00, and a 24 Vdc power supply.	1762-NET-AIC & 1761-CBL-AP00 (added to control panel) Plus a 1762-NET-AIC, a 24 Vdc power supply & a 1747-CP3 cable in a remote panel Plus a repeater panel with two 1762-NET-AICs, a 1761-CBL-AM00, and a 24 Vdc power supply.
COMM Option B: Interface With RS232 Serial Modems (Serial modem and cable not included)	Not applicable	Substitute a 1764-LRP in place of the 1764-LSP	Substitute a 1764-LRP in place of the 1764-LSP	Substitute a 1764-LRP in place of the 1764-LSP	Substitute a 1764-LRP in place of the 1764-LSP
COMM Option C: Interface With Ethernet Modems (Ethernet modem and cable not included)	Not applicable	Substitute a 1764-LRP in place of the 1764-LSP. Add a 1761-NET-ENI module and 1761-CBL-AP00.	Substitute a 1764-LRP in place of the 1764-LSP. Add a 1761-NET-ENI module and 1761-CBL-AP00.	Substitute a 1764-LRP in place of the 1764-LSP. Add a 1761-NET-ENI module and 1761-CBL-AP00.	Substitute a 1764-LRP in place of the 1764-LSP. Add a 1761-NET-ENI module and 1761-CBL-AP00.
Three Phase IEC	Replace Siemens 5SX22-xx-8 breaker with 5SX23-xx-8	Replace Siemens 5SX22-xx-8 breaker with 5SX23-xx-8	Replace Siemens 5SX22-xx-8 breaker with 5SX23-xx-8	Replace Siemens 5SX22-xx-8 breaker with 5SX23-xx-8	Replace Siemens 5SX22-xx-8 breaker with 5SX23-xx-8
Three Phase NEMA	Not applicable	Not applicable	Replace IEC breaker & starter with NEMA rated breaker & starter	Replace IEC breaker & starter with NEMA rated breaker & starter	Replace IEC breaker & starter with NEMA rated breaker & starter