



insper CONTROL PANELS

AUTOMATIC PANELS WITH PLUG N PLAY WIRELESS GSM CONNECTIVITY

FEATURES

- » Microprocessor based software technology
- » Complete RO logic pre-programmed
- » 16x2 alphanumeric lcd with mimic diagram and 15 led front sticker
- » 4 key based easy programming for more than 20 parameters including auxiliary input 1 and 2 and auxiliary output
- » Electrical safety for RWP/ HPP/TP against phase failure, electronic overload, remote sensing dry run, short circuit etc..
- » Automatically flushes the membrane during starting / stopping and after a set period as required
- » Inbuilt Conductivity/ TDS measurement and display with tripping facility
- » Auto/ manual facility selection by switch
- » Facility to operate multi port valve in pre treatment
- » Flow rate measurements with totalizer
- » Display for total plant run hours
- » Site selectable operator & fixed master password (no multiple passwords)
- » Option for electronic or contactor based panel
- » SMPS based long life power supply
- » Auto fault detection for easy maintenance at site
- » Most unique easy to install and serviceable modular panel design with two PCB and FRC connector based inter connectivity

TECHNICAL SPECIFICATIONS

| Parameters | I- Eco11 | I- Con11 | I- Con13 | I- Con33 | I- Con Universal | I- Con 33 DOL 7.5/10 | I- Con SD 33 SD 15/20 Hp |
|---------------|------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------|---------------------------|
| Current Range | 0.5-10 A. | 1-16 A. | 10-16A 30-16A | 30-16A 30-16A | 10/30-16A 10/30-16A | 30-25A 30-25A | 30-DOL 22A 30-SD40/50A |
| HP | 10-1.5Hp | 10-2Hp | 10-2Hp 30-5Hp | 30-5Hp 30-5Hp | 10/30 5Hp 10/30 5Hp | 30-10Hp 30-10Hp | 30-15/20Hp 30-15/20Hp |
| RWP | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| HPP | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Dosing | XX | XX | ✓ | ✓ | ✓ | ✓ | ✓ |
| LPS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| HPS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Flushing | XX | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| TWLV (PT) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| RWLV | XX | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| COND/TDS | XX | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Auto MPV | XX | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| AUX 1(I/P) | XX | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| AUX 2(I/P) | XX | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| AUX (O/P) | XX | XX | ✓ | ✓ | ✓ | ✓ | ✓ |
| Overload | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Dryrun | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Dryrun DRA | XX | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| SPP | XX | XX | ✓ | ✓ | ✓ | ✓ | ✓ |
| Auto/Manual | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| GSM | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Flow Sensor | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Alarm | X | X | ✓ | ✓ | ✓ | ✓ | ✓ |
| Starter Type | Electronic | Electronic/ Contactor | Electronic/ Contactor | Electronic/ Contactor | Electronic/ Contactor | Contactor | Contactor |

- » Model : I - 11, 13, 33, 133 SD, Universal (Electronic or Contactor)
- » Panel Size : 250 W x 240 H x 100 D in mm, Panel Cutout: 225 W x 240 H in mm
- » Panel Mounting Note : Depth will change depending on model
- » Model: I-Eco Panel Size : 160 W x 245 H x 80 D in mm, Wall Mounting

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