

Single Phase Operation											
Code	Description	Incoming Supply to Dimmer 1-Phase + Neutral + CPC Cable Gauge in mm ²	Outgoing Power cable gauge to Lighting Fixture in mm ²	Individual Channel Capacity in Amperes	No of Channels	Resistive Load per channel , in kW	Total Resistive Load for Dimmer in kW	MCB, Type, No of Pole, Amp, Breaking Capacity	RCCD/ELCB No. of Pole, Rated Current, Sensitivity, Breaking Capacity	Isolator	Remarks
00-608-00	Alphapack 2 UK	2.5	2.5	4.34	3	1kW	3	Type C, 2p, 20A, 10kA	2p, 20A, 30mA, 10kA	2p + E, 20A	Unit comes in Bare End 3 meter tail
01-120-00	Chilli Pro 4-10i	10	2.5	10	4	2.3	9.2	Type C, 2p, 40A, 10kA	2p, 40A, 30mA, 10kA	2p + E, 40A	
01-121-00	Chilli Pro 4-10HF	10	2.5	10	4	2.3	9.2	Type C, 2p, 40A, 10kA	2p, 40A, 30mA, 10kA	2p + E, 40A	
01-107-00	Chilli Pro 6-25i	16	4	9.13	6	2.1	12.6	Type C, 2p, 63A, 20kA	2p, 63A, 30mA, 10kA	2p + E, 63A	Incoming Supply Limited 57A
01-105-00	Chilli 12-10i	16	2.5	4.34	12	1	12	Type C, 2p, 63A, 20kA	2p, 63A, 30mA, 10kA	2p + E, 63A	Incoming Supply Limited 57A
01-126-00	Chilli Pro 12-10HF	-	-	-	-	-	-	-	-	-	Not Possible for 1-phase operation
01-106-00	Chilli 12-16i	16	2.5	6.52	12	1.5	18	Type C, 2p, 63A, 20kA	2p, 63A, 30mA, 20kA	2p + E, 63A	Incoming Supply Limited 80A
01-108-00	Chilli 24-10i	35	2.5	4.13	24	0.95	22.8	Type C, 2p, 100A, 20kA	2p, 100A, 30mA, 20kA	2p + E, 100A	Incoming Supply Limited 100A
01-109-00	Chilli 24-16i	-	-	-	-	-	-	-	-	-	Not Possible for 1-phase operation
00-307-11	Betapack 3	10	2.5	10	6	2.3	13.8	Type C, 2p, 63A, 10kA	2p, 63A, 30mA, 10kA	2p + E, 63A	
01-400-11	Rack 6	10	2.5	10	6	2.3	13.8	Type C, 2p, 63A, 10kA	2p, 63A, 30mA, 10kA	2p + E, 63A	
01-300-42	Spice 12	-	-	-	-	-	-	-	-	-	Not Possible for 1-phase operation

Phase Voltage calculated at 230V rms

For Further info on Chilli Dimmers Single Phase Wiring : <http://common.zero88.com/public/files/TU7806WiringChilliDimmersSinglePhase.pdf>, Channel capacity has been reduced due to single phase operation of the Dimmers, this limits the incoming Supply for the respective Dimmers

Please note the above MCB, RCCD and Isolator specified is for the installation of a single unit of Dimmer and not to be taken for Multiple Dimmer installations, the above recommendations is subject to the respective local country Electrical Regulations and Practice.

Zero88 Lighting Ltd. reserves the right to make changes to the equipment described in this manual without prior notice.

This equipment is designed for professional stage lighting control, and is unsuitable for any other purpose. It should be used by, or under the supervision of, appropriately qualified or trained persons only. Servicing of this equipment should be attempted by suitably qualified persons only. E & OE.

3 Phase Dimmer Operation

Three Phase Operation											
Code	Description	Incoming Supply to Dimmer 1-Phase + Neutral + CPC Cable Gauge in mm ²	Outgoing Power cable gauge to Lighting Fixture in mm ²	Individual Channel Capacity in Amperes	No of Channels on the Dimmer	Resistive Load per channel in kW	Total Resistive Load for Dimmer in kW	MCB, Type, No of Pole, Amp, Breaking Capacity	RCCD/ELCB No. of Pole, Rated Current, Sensitivity, Breaking Capacity	Isolator	Remarks
00-608-00	Alphapack 2 UK	-	-	-	-	-	-	-	-	-	Not Possible for 3-phase operation
01-120-00	Chilli Pro 4-10i	-	-	-	-	-	-	-	-	-	Not Possible for 3-phase operation
01-121-00	Chilli Pro 4-10HF	-	-	-	-	-	-	-	-	-	Not Possible for 3-phase operation
01-107-00	Chilli Pro 6-25i	16	4	21.7	6	5	30	Type C, 4p 63A, 20kA	4p,63A, 30mA,20kA	4p + E, 63A	Earthing Stud size
01-105-00	Chilli 12-10i	16	2.5	10	12	2.3	27.6	Type C, 4p 40A, 20kA	4p,40A, 30mA,20kA	4p + E, 40A	Earthing Stud size
01-126-00	Chilli Pro 12-10HF	16	2.5	10	12	2.3	27.6	Type C, 4p 40A, 20kA	4p,40A, 30mA,20kA	4p + E, 40A	Earthing Stud size
01-106-00	Chilli 12-16i	16	2.5	16	12	3.68	44.16	Type C, 4p 63A, 20kA	4p,63A, 30mA,20kA	4p + E, 63A	Earthing Stud size
01-108-00	Chilli 24-10i	35	2.5	10	24	2.3	55.2	Type C, 4p 80A, 20kA	4p,80A, 30mA,20kA	4p + E, 80A	Earthing Stud size
01-109-00	Chilli 24-16i	16	2.5	13	24	3	72	Type C, 4p 120A, 20kA	4p,120A, 30mA,20kA	4p + E, 120A	Earthing Stud size
00-307-11	Betapack 3	10	2.5	10	6	2.3	13.8	Type C, 4p,20A,10kA	4p, 20A, 30mA,20kA	4p + E, 20A	Earthing Terminal Size upto 16mm ²
01-400-11	Rack 6	10	2.5	10	6	2.3	13.8	Type C, 4p,20A, 10kA	4p, 20A, 30mA,20kA	4p + E, 20A	Earthing Stud size 5mm
01-300-42	Spice 12	16	2.5	10	12	2.3	27.6	Type C, 4p 40A, 20kA	4p,40A, 30mA,20kA	4p + E, 40A	Supplied with CEE form 32Amp three phase connector on a 1.2 meter tail

Phase Voltage calculated at 230V rms

3 Phase Dimmer Operation

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