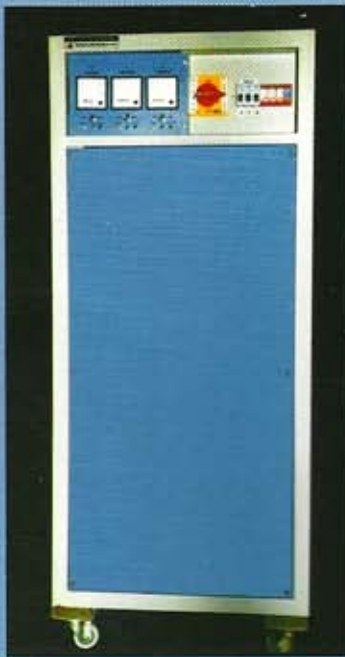




Optimum Power Solutions For An Energized World



AUTO PHASE SELECTOR UNIT

SERVO VOLTAGE STABILISER



PRAGATI ELECTROCOM PVT. LTD.

(An ISO 9001:2000 Certified Company)

www.pragatielectrocom.com

SURGE PROTECTION

S.No.	Parameter		Specifications	
1.	Type		TT	
			L-N	N-PE
2.	Nominal voltage	U_n	230/400 V / 50 Hz	
3.	Rated voltage (max. continuous operating voltage)	U_c	275 V ~ / 50 Hz	255 V / 50 Hz
4.	Nom. discharge current (8/20) μ s	$i_{sn} (I_n^*)$	20kA	
5.	Max. discharge current (8/20) μ s	I_{max}	40kA	
6.	Follow current extinguishing capability at U_c	I_f	-	100 A _{rms}
7.	Lightning impulse current (10/350) μ s	I_{imp}	-	12kA
8.	Voltage protection level at 5 kA (8/20) μ s at i_{sn}	U_p	≤ 1 kV	-
			≤ 1.5 kV	-
9.	Lightning impulse sparkover Voltage 1.2/50 μ s		-	≤ 1.5 kV
10.	Response Time	t_A	25ns	100ns
11.	Backup fuse (only required, if not already provided in mains)		125 A gL/gG	-
12.	Short-circuit withstand capability at max. backup fuse		50 kA / 50 Hz	-
13.	Operating temperature range	\varnothing	- 40°C ... + 80°C	
14.	Degree of protection		IP 20	
15.	Approved by		UL, KEMA, VDE	
16.	Test Standards		IEC61643-1:1998-02; EN 61643-11:2001 EDIN VDE 0675-6:1989-11,-6/A1:1996-03 and - 6/A2:1996-10	

QUALITY ACCREDITATIONS:

- ISO 9001: 2000
 - ERTL
 - EN- 55022
 - FCC Class A + B
- BCL
 - RDSO
 - TEC
 - LCOE SPAIN
- DGS&D
 - AE NOR SPAK
 - NSIC

APPLICATION SECTORS

- Telecommunications, Data Networks.
 - Defence
 - Hospitals
 - Educational, Engineering & Medical Institutes.
- Railways
 - Consumers.
 - Banks
 - Industries

SURGE PROTECTION

S.No.	Parameter		Specifications	
			L-N	N-PE
1.	Type		TT	
2.	Nominal voltage	U_N	230/400 V / 50 Hz	
3.	Rated voltage (max. continuous operating voltage)	U_C	275 V ~ / 50 Hz	255 V / 50 Hz
4.	Nom. discharge current (8/20) μ s	$i_{in} (I_n^*)$	20kA	
5.	Max. discharge current (8/20) μ s	I_{max}	40kA	
6.	Follow current extinguishing capability at U_C	I_f	-	100 A _{rms}
7.	Lightning impulse current (10/350) μ s	I_{imp}	-	12kA
8.	Voltage protection level at 5 kA (8/20) μ s at i_{in}	U_p	≤ 1 kV ≤ 1.5 kV	- -
9.	Lightning impulse sparkover Voltage 1.2/50 μ s		-	≤ 1.5 kV
10.	Response Time	t_A	25ns	100ns
11.	Backup fuse (only required, if not already provided in mains)		125 A gL/gG	-
12.	Short-circuit withstand capability at max. backup fuse		50 kA / 50 Hz	-
13.	Operating temperature range	ϑ	- 40°C ... + 80°C	
14.	Degree of protection		IP 20	
15.	Approved by		UL, KEMA, VDE	
16.	Test Standards		IEC61643-1:1998-02; EN 61643-11:2001 EDIN VDE 0675-6:1989-11,-6/A1:1996-03 and - 6/A2:1996-10	

QUALITY ACCREDITATIONS:

- ISO 9001: 2000
 - ERTL
 - EN- 55022
 - FCC Class A + B
- BCL
 - RDSO
 - TEC
 - LCOE SPAIN
- DGS&D
 - AE NOR SPAK
 - NSIC

APPLICATION SECTORS

- Telecommunications, Data Networks.
 - Defence
 - Hospitals
 - Educational, Engineering & Medical Institutes.
- Railways
 - Consumers.
 - Banks
 - Industries