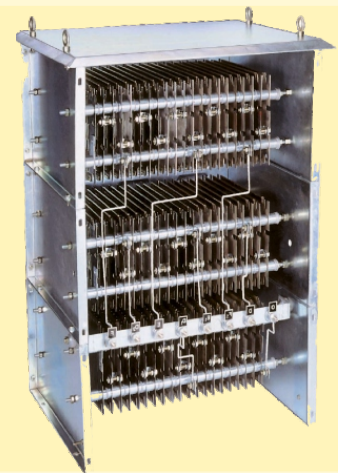


Punched Grid Resistance Box - 2FS 375° C



Introduction

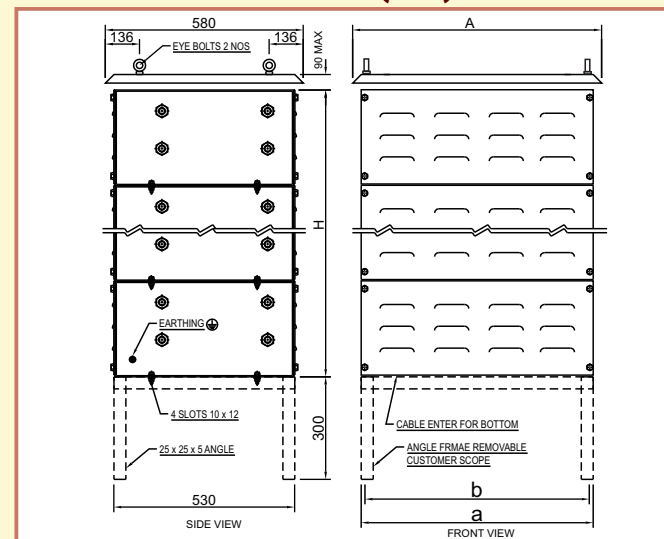
Resistance boxes are used to add resistance to an electric motor circuit for modifying the performance characteristic of slip ring induction motors of EOT cranes, rubber mills, steel rolling mills, cement mills, power plants, conveyors, coke oven, blowers, etc. For speed control and developing starting torque with low starting currents. They are also used as Dynamic Braking Resistor for VVVF AC drives, electric loading of ac alternators, degeneration, and dynamometers. Resistors are designed to meet the requirements of both A.C. & D.C. applications. .



Technical Data

Type Of Grid	Punched Grid
Cooling	Natural Aircooled
Resistors Material	Fechral
Enclosure	Sheet Steel (Galvanized)
Mounting	Floor Mounting Horizontal
Cable Entry	Bottom
Protection Degree	IP-20 / IP-21 / IP-23 / IP-33
Over Ambient Temperature	375° C
Current Rating	8 Amps -----3000 Amps
Connections	Series / Parallel
Voltage	600 V
Terminals	3/8"
Other Voltage	1100/3300 V on request

Resistance Boxes (FS)



Resistance Boxes

Current Rating Chart for Punched Grid Resistors for 375°C temperature rise

Grid Type	Rated value (Ohms)	Current rating for various duty factors (Amps)			
		25% ED	40 %ED	60%ED	100%ED
2FS10	0.010	666	488	420	352
2FS15	0.015	550	404	350	290
2FS22	0.022	450	330	286	238
2FS32	0.032	374	276	230	198
2FS46	0.046	314	228	196	166
2FS68	0.068	256	190	166	136
2FS100	0.100	212	156	132	112
2FS150	0.150	174	136	110	92
2FS220	0.220	144	108	90	76
2FS300	0.300	120	96	76	66
2FS460	0.460	98	72	62	52
2FS720	0.720	78	60	50	40
2FS1000	1.000	64	50	42	38
2FS1500	1.500	56	40	36	30
2FS2500	2.500	40	30	24	20

Resistance Boxes (FS)

Dimension Details of Punched Grid Fechral Resistance Boxes

Unit Size	A	a	b	Unit Size	A	a	b	H
A1	430	380	360	B1	580	530	510	280
A2	430	380	360	B2	580	530	510	560
C1	730	680	650	D1	880	830	805	280
C2	730	680	650	D2	880	830	805	560
C3	730	680	650	D3	880	830	805	840
C4	730	680	650	D4	880	830	805	1120
C5	730	680	650	D5	880	830	805	1400
C6	730	680	650	D6	880	830	805	1680

H. O. Unit - I : C-15/16, Nand Jyot Industrial Estate, Andheri-Kurla Road, Mumbai - 400072 ,
Tel : (022) 42469700-30
E-mail : sales@socgroup.in

Unit - II: Plot No. 4912, G. I. D. C., Phase IV, Vatva, Ahmedabad - 382445
Tel.: (079) 400832 01/2/3/4,
E-mail : sales.amd@socgroup.in

Visit us at :
www.speedcontrols.com
www.socremote.com

SPEED-O-CONTROLS PVT. LTD.
CRANE CONTROL GEAR