

Product Name :
 Welding Rectifier

Product Code :
 wm0007



Description :

Welding Rectifier

Technical Specification :

Welding Rectifier.

Primary Supply									
Voltage	Volts	415	415	415			415		
	Phase	2 Ph.	2 Ph.	2 Ph.	2 lines of 3 Phase		2 Ph.		
	Cy. Sec.	50	50	50	50		50		
	AC	DC	AC	DC	AC	DC	AC		DC
Open Circuit Voltage	V	85	75	85	75	85	75	85	75
Welding Volts range		30-150	25-125	40-200	30-160	60-300	50-245	80-400	65-325
Welding Volts range		21.2-276	25-125	21.6-28	21.2-26.4	22.4-32	22-29.8	23.2-36	22.6-33
Max. Cont. Hand		120	98	150	125	250	205	300	245

Welding current @ 60% Duty Cy.									
Max.Auto (KVA)	90	74	115	94	190	155	232	189	-
Cont.Hand Welding Current @ 100% Duty Cy.									
Max. Int. Hand Welding Current @ Maximum	150	125	200	160	300	245	400	325	
Rated Continuous 60% Duty Cy.	9	-	15	-	19	-	23	-	
Maximum	14.85		13.5		25		30		
Maximum	13.5		19.8		30		39.6		
Welding Swg. Electrode Size	16	10	16	8	14	6	12	4	
Class of Insulation	A		A		A		A		
Recommended Fuse	DP/20		DP/25		DP/30		DP/50		
Cooling		Forced					Air		
Capacitor for Power Factor Correction	KVAR	3	4		6		9		

DC Welding Rectifier Transformer (Transductor Type) Conform to IS-4559

Welding Current Range	A	10-150	20-200	30-300	50-400	80-500	100-600	
Open Ckt. Voltage	V	75	75	75	80	80	80	
Max. Auto Cont. H.W. Current @ 60% D.C.	A	150	200	300	400	500	600	
Operating Voltage Arc Voltage	V	20.4-26	21.8-28	22-32	22.8-36	23.2-40	23.2-40	
Rating Cont.	KVA	8.5	11.37	17	22.75	30.5	36.5	
60% Duty Cy.	KVA	11	14.7	22	29.4	39.4	47.2	
Insulation	Class	F	F	F	F	F	F	
Cooling	Type	Forced Air Cooled						
W.C. Range		16-10	16-8	14-6	12-4	12-5.7	12-6.3	
Input Supply Voltage	V.	415	415	415	415	380 / 415 / 440	380 / 415	
Phase	No.	3	3	3	3	3	3	
Frequency	Hz.	50	50	50	50	50	50	

Recommended Switch fuse Type/Rating	A	TP/20	TP/25	TP/40	TP/60	TP/70	TP/100
Recommended Capacity for Power Factor Correction	KVAR	3.5	4.5	6	9	12	15

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