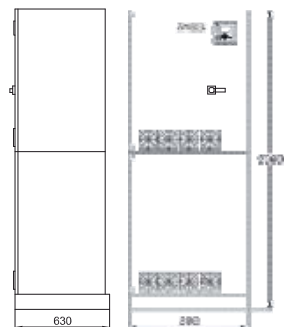
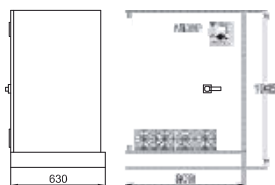
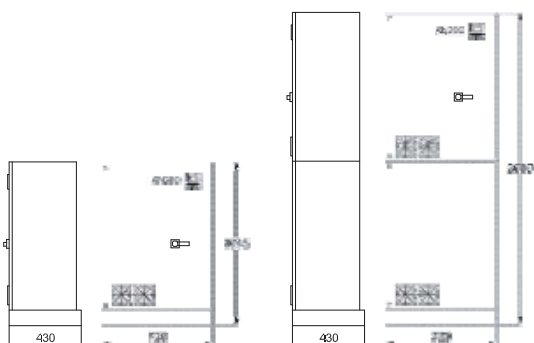
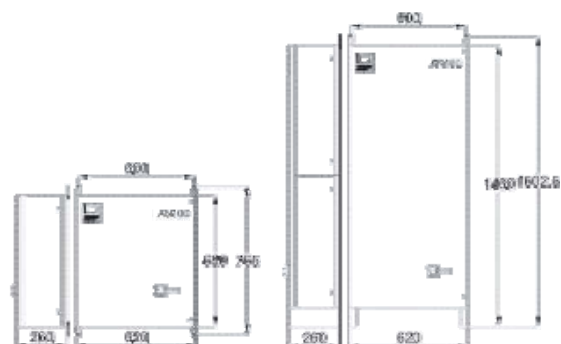
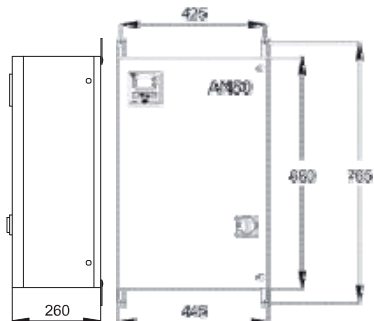
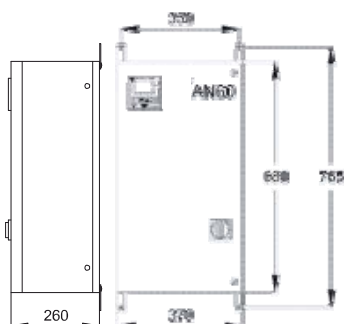
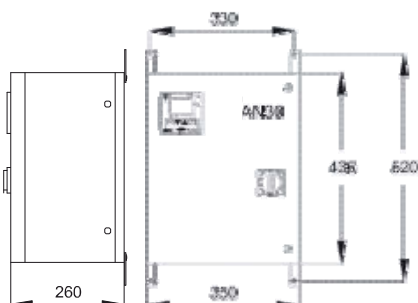


DIMENSIONI - Dimensions



CARATTERISTICHE TECNICHE TECHNICAL CHARACTERISTICS

Tensione circuiti aux (a seconda versioni, altre su richiesta)	400V 230V	Auxiliary circuit voltage (depending on model, other upon request)
Tensione nominale impiego (altre su richiesta)	400V	Rated voltage (other upon request)
Frequenza nominale (altre su richiesta)	50Hz	Rated frequency (other upon request)
Sovraccarico in corrente (a seconda delle versioni)	3In 4In	Max overload current (depending on model)
Sovraccarico in tensione	1.1Vn	Max working voltage
Tensione isolamento	690V	Insulating voltage
Classe di temperatura (quadro)	-5/+40°C	Temperature range (cabinet)
Classe di temperatura (condensatori)	-25/+55°C	Temperature range (capacitors)
Dispositivi di scarica	ogni condensatore on each capacitors	Discharge device
Collegamenti interni	a triangolo delta	Capacitors connection
Servizio	Continuo Continuous	Service
Perdite totali	3W/kvar	Total losses
Installazione	Per interno Indoor	Use



QUADRI AUTOMATICI DI RIFASAMENTO AUTOMATIC PFC EQUIPMENT

IRIextreme 4In

$U_n=600V$ THDI_R 27% THDI_C 90%

IRIextreme 4In condensatori professionali con tensione di targa Un=600V
IRIextreme 4In professional capacitors with Un=600V rated voltage

	Codice Code	Potenza Power (kvar)			Gradini Step Ue 400V (kvar)	Potenza batterie Power Banks (kvar)						In A (400V)	Sez Swich (A)	Regolatore Relay	Peso Weight (Kg.)	Dim. (mm.)	
		Un 600	Un 440	Ue 400		Ue 400											
AN30	D140318R3I	44	25	18,8	5 x 3,8	3,8	7,5	7,5				27	40	MRK	16	350x260x435	
	K140326R3I	61	35	26,3	7 x 3,8	3,8	7,5	7,5	7,5				38	63	MRK	24	370x260x680
AN60	K140330R3I	70	40	30	8 x 3,8	3,8	3,8	7,5	15				43	63	MRK	25	370x260x680
	K140341R3I	96	55	41,3	11 x 3,8	3,8	7,5	15	15				60	63	MRK	27	370x260x680
AN80	Q140352R3I	123	70	52,5	7 x 7,5	7,5	15	15	15				76	100	MRK	31	445x260x680
	Q140360R3I	140	80	60	8 x 7,5	7,5	7,5	15	30				87	100	MRK	32	445x260x680
AN100	Y140367R3I	158	90	67,5	9 x 7,5	7,5	15	15	30				97	315	MRK	35	620x260x680
	Y140375R3I	175	100	75	10 x 7,5	7,5	15	23	30				108	315	MRK	36	620x260x680
	Y140390R3I	210	120	90	12 x 7,5	7,5	15	30	38				130	315	MRK	79	620x260x1460
	Y140410R3I	245	140	105	7 x 15	15	15	30	45				152	315	MRK	81	620x260x1460
	Y140412R3I	280	160	120	8 x 15	15	30	30	45				173	315	MRK	85	620x260x1460
	Y140414R3I	315	180	135	9 x 15	15	30	45	45				195	315	MRK	89	620x260x1460
	Y140415R3I	350	200	150	10 x 15	15	30	45	60				217	315	MRK	90	620x260x1460
AN300	X140416R3I	385	220	165	11 x 15	15	15	15	30	45	45	238	630	MRK Plus	93	800x630x1045	
	X140418R3I	420	240	180	12 x 15	15	15	30	30	45	45	260	630	MRK Plus	95	800x630x1045	
	X140419R3I	455	260	195	13 x 15	15	30	30	30	45	45	281	630	MRK Plus	98	800x630x1045	
	X140421R3I	490	280	210	14 x 15	15	30	30	45	45	45	303	630	MRK Plus	108	800x630x1045	
	X140422R3I	525	300	225	15 x 15	15	30	45	45	45	45	325	630	MRK Plus	120	800x630x1045	
AN200	L140424R3I	560	320	240	16 x 15	15	15	30	45	60	75	346	630	MRK Plus	170	720x430x2000	
	L140425R3I	595	340	255	17 x 15	15	30	30	45	60	75	368	630	MRK Plus	175	720x430x2000	
	L140427R3I	630	360	270	18 x 15	15	30	45	45	60	75	390	630	MRK Plus	180	720x430x2000	
	L140428R3I	665	380	285	19 x 15	15	30	45	60	60	75	411	630	MRK Plus	182	720x430x2000	
	L140430R3I	700	400	300	10 x 30	30	30	60	60	60	60	433	630	MRK Plus	195	720x430x2000	
AN300	X140431R3I	735	420	315	21 x 15	15	30	45	45	90	90	455	800	MRK Plus	230	800x630x2000	
	X140433R3I	770	440	330	11 x 30	30	30	45	45	90	90	476	800	MRK Plus	240	800x630x2000	
	X140434R3I	805	460	345	12 x 30	30	45	45	45	90	90	498	800	MRK Plus	250	800x630x2000	
	X140437R3I	875	500	375	13 x 30	30	45	60	60	90	90	541	800	MRK Plus	260	800x630x2000	
	X140439R3I	910	520	390	13 x 30	30	45	45	90	90	90	563	800	MRK Plus	265	800x630x2000	
	X140440R3I	945	540	405	9 x 45	45	45	45	45	90	135	585	800	MRK Plus	270	800x630x2000	
	X140443R3I	1015	580	435	10 x 45	45	45	45	75	90	135	628	800	MRK Plus	290	800x630x2000	
	X140445R3I	1050	600	450	10 x 45	45	45	45	90	90	135	650	800	MRK Plus	300	800x630x2000	
	X140448R3I	1120	640	480	11 x 45	45	45	45	75	90	180	693	800	MRK Plus	320	800x630x2000	
X140449R3I	1155	660	495	11 x 45	45	45	45	90	90	180	714	800	MRK Plus	330	800x630x2000		



IRIextreme 3In
IRIextreme 4In

QUADRI AUTOMATICI DI RIFASAMENTO AUTOMATIC PFC EQUIPMENT

IRIextreme 3In

$U_n=550V$ THDI_R 27% THDI_C 85%

IRIextreme 3In condensatori professionali con tensione di targa $U_n=550V$

IRIextreme 3In professional capacitors with $U_n=550V$ rated voltage

	Codice Code	Potenza Power (kvar)			Gradini Step Ue 400V (kvar)	Potenza batterie Power Banks (kvar)					In A (400V)	Sez Switch (A)	Regolatore Relay	Peso Weight (Kg.)	Dim. (mm.)
		Un 550	Un 440	Ue 400		Ue 400									
AN30	D140315A3I	30	19	15	3 x 5	5	5	5		22	25	MRK	15	350x260x435	
	D140320A3I	40	25	20	4 x 5	5	5	10		29	40	MRK	16	350x260x435	
	D140325A3I	50	31	25	5 x 5	5	10	10		36	63	MRK	16	350x260x435	
	D140330A3I	60	38	30	3 x 10	10	10	10		43	63	MRK	16	350x260x435	
AN60	K140330A3I	60	38	30	6 x 5	5	5	10	10	43	63	MRK	24	370x260x680	
	K140335A3I	70	44	35	7 x 5	5	10	10	10	51	63	MRK	24	370x260x680	
	K140340A3I	80	50	40	8 x 5	5	5	10	20	58	63	MRK	25	370x260x680	
	K140345A3I	90	56	45	9 x 5	5	10	10	20	65	100	MRK	25	370x260x680	
	K140350A3I	100	63	50	5 x 10	10	10	10	20	72	100	MRK	26	370x260x680	
	K140360A3I	120	75	60	6 x 10	10	10	20	20	87	100	MRK	27	370x260x680	
AN80	Q140370A3I	140	88	70	7 x 10	10	20	20	20	101	125	MRK	31	445x260x680	
	Q140380A3I	160	100	80	8 x 10	10	10	20	40	115	125	MRK	32	445x260x680	
AN100	Y140390A3I	180	113	90	9 x 10	10	20	20	40	130	315	MRK	35	620x260x680	
	Y140410A3I	200	125	100	10 x 10	10	20	30	40	144	315	MRK	36	620x260x680	
	Y140411A3I	220	138	110	11 x 10	10	20	40	40	159	315	MRK	78	620x260x1460	
	Y140412A3I	240	150	120	12 x 10	10	20	40	50	173	315	MRK	79	620x260x1460	
	Y140413A3I	260	163	130	13 x 10	10	20	40	60	188	315	MRK	80	620x260x1460	
	Y140414A3I	280	175	140	7 x 20	20	20	40	60	202	315	MRK	81	620x260x1460	
	Y140415A3I	300	188	150	15 x 10	10	20	40	80	217	315	MRK	83	620x260x1460	
	Y140416A3I	320	200	160	8 x 20	20	40	40	60	231	315	MRK	85	620x260x1460	
	Y140417A3I	340	213	170	9 x 20	20	30	60	60	245	315	MRK	87	620x260x1460	
AN200	Y140418A3I	360	225	180	9 x 20	20	40	60	60	260	315	MRK	89	620x260x1460	
	L140419A3I	380	238	190	19 x 10	10	20	20	40	274	400	MRK Plus	135	720x430x1045	
AN300	L140420A3I	400	250	200	20 x 10	10	10	20	40	289	400	MRK Plus	140	720x430x1045	
	X140422A3I	440	275	220	11 x 20	20	20	20	40	318	630	MRK Plus	93	800x630x1045	
	X140424A3I	480	300	240	12 x 20	20	20	40	40	346	630	MRK Plus	95	800x630x1045	
	X140426A3I	520	325	260	13 x 20	20	40	40	40	375	630	MRK Plus	98	800x630x1045	
	X140428A3I	560	350	280	14 x 20	20	40	40	60	404	630	MRK Plus	108	800x630x1045	
	X140430A3I	600	375	300	15 x 20	20	40	60	60	433	630	MRK Plus	120	800x630x1045	
AN200	L140432A3I	640	400	320	16 x 20	20	20	40	60	462	630	MRK Plus	185	720x430x2000	
	L140434A3I	680	425	340	17 x 20	20	40	40	60	491	630	MRK Plus	190	720x430x2000	
	L140436A3I	720	450	360	18 x 20	20	40	60	60	520	630	MRK Plus	195	720x430x2000	
	L140439A3I	780	488	390	13 x 30	30	40	60	80	563	630	MRK Plus	205	720x430x2000	
	L140440A3I	800	500	400	10 x 40	40	40	80	80	577	630	MRK Plus	210	720x430x2000	
AN300	X140442A3I	840	525	420	21 x 20	20	40	60	60	606	1250	MRK Plus	230	800x630x2000	
	X140444A3I	880	550	440	11 x 40	40	40	60	60	635	1250	MRK Plus	250	800x630x2000	
	X140446A3I	920	575	460	12 x 40	40	60	60	60	664	1250	MRK Plus	260	800x630x2000	
	X140448A3I	960	600	480	12 x 40	40	60	60	80	693	1250	MRK Plus	265	800x630x2000	
	X140450A3I	1000	625	500	13 x 40	40	40	60	120	722	1250	MRK Plus	270	800x630x2000	
	X140452A3I	1040	650	520	13 x 40	40	60	60	120	751	1250	MRK Plus	275	800x630x2000	
	X140454A3I	1080	675	540	9 x 60	60	60	60	120	779	1250	MRK Plus	280	800x630x2000	

QUADRI AUTOMATICI DI RIFASAMENTO AUTOMATIC PFC EQUIPMENT


IRIextreme 3In
 $U_n=550V$ THDI_R 27% THDI_C 85%

IRIextreme 4In
 $U_n=600V$ THDI_R 27% THDI_C 90%

Tutti i nostri modelli possono essere realizzati con condensatori progettati per impieghi particolarmente gravosi, dove, a patto che non si verifichino fenomeni di risonanza in rete, garantiscono la sopportazione di carichi armonici in corrente sui condensatori dal 85-90%. Sono inoltre consigliati per ambienti con elevate temperature di esercizio e cicli di lavoro continuativi. La serie Extreme comprende due versioni chiamate **3In** e **4In** con tensioni da 550V a 600V. Le caratteristiche generiche costruttive corrispondono a quelle descritte in ogni serie di appartenenza a cui si rimanda.

For all our series is possible to use a special type of capacitors named **3In/4In** that are the strongest solution for power factor correction industrial facilities. **IRI3In** capacitors are tested at three times the nominal current and are particularly suitable for plants with medium/high harmonic currents and/or high working temperatures. **3In** capacitors compared to standard capacitors are much more resistance against current overload; continuous capacity over time; high working temperature; great peak current endurance; current harmonics great endurance. The other generic characteristics of equipment are the same of the series standard. THDI_C max allowed on the capacitors 85% **3In** – 90% **4In** THDI_R max allowed on the network 27%



Generalità

- o Carpenteria metallica 15/10 verniciata con polveri epossidiche RAL 7035
- o Contattori specifici per carichi capacitivi con blocchetto resistenze preinserzione per limitare picchi d'inserzione dei condensatori
- o Cablaggio N07V-K autoestinguenti
- o Grado di protezione standard IP3X esterno, IP2X interno sulle sole parti in tensione (altri su richiesta)
- o Portella incernierata con chiusura di sicurezza a chiave
- o Sezionatore tripolare blocco porta e contatto di preapertura
- o Dim. a seconda della serie/potenza (vedi tabelle)

NORME DI RIFERIMENTO

- CEI EN 60831-1/2 (condensatori)
- CEI EN 60439-1/2 CEI EN 61921-1 (apparecchiatura)

Generalities

- o Robust sheet steel 15/10 RAL 7035 Painted
- o Contactor with damping resistors to limit capacitors' inrush current
- o N07V-K self-extinguish cable
- o Protection degree IP3X (outdoor) - IP2X only on the live parts (indoor)
- o Hinged door with safety key lock
- o Load break switches with pre-opening contact
- o Dim: depending on the series/power (see table)

REFERENCE STANDARD S

- CEI EN 60831-1/2 (capacitors)
- CEI EN 60439-1/2 CEI EN 61921-1 (panel)