

rifasamento
fisso
fixed
power-factor

三相電容器 THREE-PHASE CAPACITORS

FT FTE

構造科技

FT系列之三相電容器具有PRT種類三相電容器之構成元素,以並聯連接,同時嵌入由堅固的鋼板上加環氧樹脂塗層的外殼(色號為RAL 7035)。

此產品結構的特殊之處在於其外殼確保了內部極佳的散熱性,並且強化了此產品的運作條件。此產品外殼具有托架,以便固定於地面上,同時外殼確保IP30(FT)或IP54(FTE)的保護率。

用途

特別適合用於固定功率因數校正,例如變比器之無負載功率因數校正或是馬達的固定功率因數校正。

安裝

需透過8x10固定螺栓將外殼底部固定於托架上。



為了保護FT電池,電力供應線路中需要有上游設備。

CONSTRUCTION TECHNOLOGY

The FT series three-phase capacitors consist of PRT-type three-phase elements, connected in parallel and inserted in a casing made of sturdy sheet steel painted with epoxy resins in the colour RAL 7035.

The special construction features of this casing ensure better dissipation of the heat generated inside it and an improvement in the working conditions of the capacitive units they contain.

The casing is equipped with brackets for fixing to the ground and an outer cover that ensures an IP30 (FT) or IP54 (FTE) protection rating.

USES

Especially suited for fixed power factor correction, such as no load p.f. correction of transformers or fixed p.f. correction of motors.

INSTALLATION

Installation must be performed using the 8x10 fixing slots on the brackets at the base of the casing.



For the protection of the FT batteries, it is necessary to have a device upstream from the power supply line.



FTE

必須以纜線連接至固定端子,用於室外(IP54)

The connection must be made to the anchoring terminals with cables. Outdoor service (IP 54)

FT

必須以纜線連接至固定端子,用於室內(IP 30)

The connection must be made to the anchoring terminals with cables. Indoor service (IP 30)



Si precisa che il modello FTE è realizzabile in base al quantitativo minimo di 50 pz.

FTE系列最少須訂購50PCS以上。



技術性資訊及敘述皆為本公司所知正確的,錯誤、遺漏、意外情況恕不保證。

Technical data and descriptions in the publication are accurate, to the best of our knowledge, but no liabilities for errors, omissions or contingencies arising therefrom are accepted.

CODICE REFERENCE	kvar	V	A	μF	尺寸 / DIMENSIONS			包裝數量 PACKING PCS
					W (mm)	L (mm)	H (mm)	
FT.2310	10.0	230	25.12	600	190	130	415	1
FT.2315	15.0	230	37.68	900	300	130	415	1
FT.2330	30.0	230	75.40	1800	410	130	415	1
FT.4010	10.0	400	14.40	200	190	130	415	1
FT.4012	12.5	400	18.00	250	190	130	415	1
FT.4015	15.0	400	21.67	300	190	130	415	1
FT.4020	20.0	400	28.90	400	190	130	415	1
FT.4025	25.0	400	36.12	500	190	130	415	1
FT.4030	30.0	400	43.35	600	300	130	415	1
FT.4040	40.0	400	57.80	800	300	130	415	1
FT.4050	50.0	400	72.25	1000	300	130	415	1
FT.4075	75.0	400	108.39	1493	410	130	415	1
FT.4100	100.0	400	144.06	1990	520	130	415	1
FT.4110	10.0	415	13.93	184	190	130	415	1
FT.4112	12.5	415	17.41	231	190	130	415	1
FT.4115	15.0	415	20.90	277	190	130	415	1
FT.4120	20.0	415	27.86	370	190	130	415	1
FT.4125	25.0	415	34.82	462	190	130	415	1
FT.4130	30.0	415	41.79	555	300	130	415	1
FT.4140	40.0	415	55.71	740	300	130	415	1
FT.4150	50.0	415	69.64	924	300	130	415	1
FT.4175	75.0	415	104.00	1387	410	130	415	1
FT.41100	100.0	415	139.00	1849	520	130	415	1
FT.4410	10.0	440	13.13	164	190	130	415	1
FT.4412	12.5	440	16.40	205	190	130	415	1
FT.4415	15.0	440	19.70	246	190	130	415	1
FT.4420	20.0	440	26.20	329	190	130	415	1
FT.4425	25.0	440	32.80	411	190	130	415	1
FT.4430	30.0	440	39.40	493	190	130	415	1
FT.4440	40.0	440	52.50	658	300	130	415	1
FT.4450	50.0	440	65.70	822	300	130	415	1
FT.4475	75.0	440	98.56	1233	410	130	415	1
FT.44100	100.0	440	131.38	1644	520	130	415	1
FT.4810	10.0	480	12.04	138	190	130	415	1
FT.4812	12.5	480	15.05	173	190	130	415	1
FT.4815	15.0	480	18.06	207	190	130	415	1
FT.4820	20.0	480	24.08	276	190	130	415	1
FT.4825	25.0	480	30.10	346	190	130	415	1
FT.4830	30.0	480	36.13	415	300	130	415	1
FT.4840	40.0	480	48.17	553	300	130	415	1
FT.4850	50.0	480	60.21	691	300	130	415	1
FT.4875	75.0	480	90.32	1037	410	130	415	1
FT.48100	100.0	480	120.42	1382	520	130	415	1
FT.5210	10.0	525	11.01	116	190	130	415	1
FT.5212	12.5	525	13.76	144	190	130	415	1
FT.5215	15.0	525	16.52	173	190	130	415	1
FT.5220	20.0	525	22.00	231	190	130	415	1
FT.5225	25.0	525	27.53	289	190	130	415	1
FT.5230	30.0	525	33.00	347	300	130	415	1
FT.5240	40.0	525	44.00	462	300	130	415	1
FT.5250	50.0	525	55.00	578	300	130	415	1
FT.5275	75.0	525	82.58	867	410	130	415	1
FT.52100	100.0	525	110.10	1155	520	130	415	1



技術性資訊

TECHNICAL PARTICULARS



額定電壓 (Un)	230 - 400 - 415 - 440 - 480 - 525 V	Rated voltage (Un)
額定頻率	50 Hz (60 Hz 需特別要求) - 50 Hz (60 Hz on request)	Rated frequency
電容值誤差	-5% ÷ +10%	Tolerance on capacitance
溫度等級	-25 °C / +55 °C	Temperature class
介電質損耗	≤ 0,2 W/kvar	Dielectric losses
總損耗(端子部分)	≤ 0,5 W/kvar	Total losses (at the terminals)
絕緣等級	3/15 kV Ue ≤ 660 Vac	Insulation level
最大允許電流	1,5 In	Max. permitted current
暫態電流之最大高峯值	≤ 200 In	Maximum peak value of the current transient
端子間電壓測試	2,15 Un per 2" - 2.15 Un for 2"	Voltage test between the terminals
端子及容器間電壓測試	3 KV x 10"	Voltage test between the terminals and container
端子	3 viti M8 / 3 M8 screws	Terminals
放電電阻器	外部(三分鐘內減少至75V) External (reduction to 75 V within 3 min)	Discharge resistors
服務	持續 - Continuous	Service
安裝	室內 - Indoor	Installation
冷卻	自然風 - Natural	Cooling
最大允許濕度	80%	Max permissible humidity
海拔	≤ 2000 (m s.l.m. - m a.s.l.)	Altitude
防護等級	IP 30 con coperchio di protezione - IP 30 with protection cover	Degree of protection
預期壽命	>130.000 h (classe D) - >150.000 h (classe C)	Expected life
固定	以長孔托架垂直固定 Vertical with slotted brackets	Fixing
參照標準	CEI EN 60831-1/2, IEC 60831-1/2	Reference standards
操作開關數	依據 IEC 60831-1 每年可切換最多 5000 次 Max 5000 switchings per year according to IEC 60831-1	Number of switching operation

其他特性可經要求後生產

Other characteristics can be made on request.

