




# Series 4.16.10

Omologazioni / Approvals						
<b>Series 4.16.10</b>	<b>EN 60252-1</b>		 VDE	 IMQ		
	Tensione Voltage				Valori omologati Approved range	
	400 V ~		10000 h cl. B 25/85/21		45 ÷ 60 µF	
	425 V ~		10000 h cl. B 25/85/21		2 ÷ 40 µF	
450 V ~		3000 h cl. C 25/85/21		45 ÷ 60 µF		
475 V ~		3000 h cl. C 25/85/21		2 ÷ 40 µF		
C (µF)	DxH (mm)	Part number 4.16.10.XX.KK	DxH** (mm)	Part number 4.16.10.XX.KK	DxH** (mm)	Part number 4.16.10.XX.KK
2	25x49	4.16.10.31.KK	28x55	4.16.10.01.KK	30x56	4.16.10.73.KK
2,5	25x49	.32.	28x55	.02.		
3	25x49	.33.	28x55	.03.	30x56	.74.
3,15	25x49	.34.	28x55	.04.		
3,5	25x55	.35.	28x55	.05.		
4	25x55	.37.	28x55	.06.	30x56	.38.
4,5	25x55	.C8.	28x55	.07.	30x56	.39.
5	30x56	.76.	28x55	.08.		
5,5	30x56	.41.				
6	30x56	.82.	32x55	.09.		
6,3	30x56	.83.	32x55	.10.		
7	30x56	.85.	32x55	.12.		
7,5	36x58	.44.	32x55	.89.		
8	36x58	.81.	32x55	.13.	30x70	.52.
9	36x58	.14.				
10	36x58	.15.	30x70	.47.		
11	36x58	.16.				
12	36x70	.17.				
12,5	36x70	.18.				
13	36x70	.19.				
14	36x70	.21.				
15	36x70	.22.				
16	36x70	.99.				
18	40x70	.24.				
20	40x70	.25.				
22	40x92	.68.				
25	40x92	.26.	45x70	.97.		
30	40x92	.70.				
31,5	45x92	.27.				
32	45x92	.72.				
35	45x92	.28.				
36	45x92	.65.				
40	45x92	.29.				
45	45x117	.63.	50x92	.90.		
50	45x117	.30.	50x92	.62.		
55	45x117	.64.	50x92	.86.		
60	50x117	.61.	55x92	.57.		
70	50x117	.67.				
80	55x120	.87.				


UL recognition  
 File E192559    Disponibile su richiesta  
450V~    Available on request

\*\* Dimensioni alternative / Alternative dimensions

# Series 4.16.18/.10/.17/.20/.87


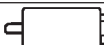
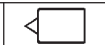
## CARATTERISTICHE TECNICHE

Tolleranza di capacità	: ± 5%
Frequenza di lavoro	: 50 ÷ 60 Hz
Tensione di prova individuale	: Fra le armature: 2Vn per 2 sec; verso massa 3 KV per 2 sec. (solo versioni codolo metallico)
Angolo di perdita tan δ	: <20 10 <sup>-4</sup> (20 °C V=Vn, 50 Hz)
Rivestimento	: Custodia e coperchio di chiusura in materiale plastico autoestinguente, grado V2 secondo UL 94
Terminali	: Terminali «Faston» 6,3 mm singolo, doppio, a innesto da 2,8 mm, cavo bipolare, cavetti unipolari
Grado di protezione	: Per esecuzione con terminali: IP00, per esecuzioni con cavo bipolare: IP55
Coperchio porta-terminali	: Test della sfera (IEC60695-10-2): 125 °C Test del filo incandescente (IEC 60695-2-11): 850 °C Resistenza alle correnti superficiali (IEC 60112): ≥ 250 V
Codolo filettato di fissaggio	: Coppia massima di serraggio: 5 N m



## TECHNICAL CHARACTERISTIC

Capacitance tolerance	: ± 5%
Working frequency range	: 50 ÷ 60 Hz
Individual test voltage	: Between terminals: 2Vn for 2 sec.; between terminals and case: 3 KV for 2 sec. (only for metallic stud)
Dissipation factor tan δ	: <20 10 <sup>-4</sup> (20 °C V=Vn, 50 Hz)
Protection	: Case and cover in self - extinguishing plastic material, grade V2 according to UL 94
Terminals	: Faston «terminals» 6.3 mm single, double, 2.8 mm plug-in, twin cable, unipolar leads
Protection degree	: with terminals: IP00; with twin cable IP55.
Cover	: Ball pressure test (IEC 60695-10-2): 125 °C Glow wire test (IEC 60695-2-11): 850 °C Tracking resistance (IEC 60112): ≥ 250 V
Threaded fixing bolt	: Max torque: 5 N m

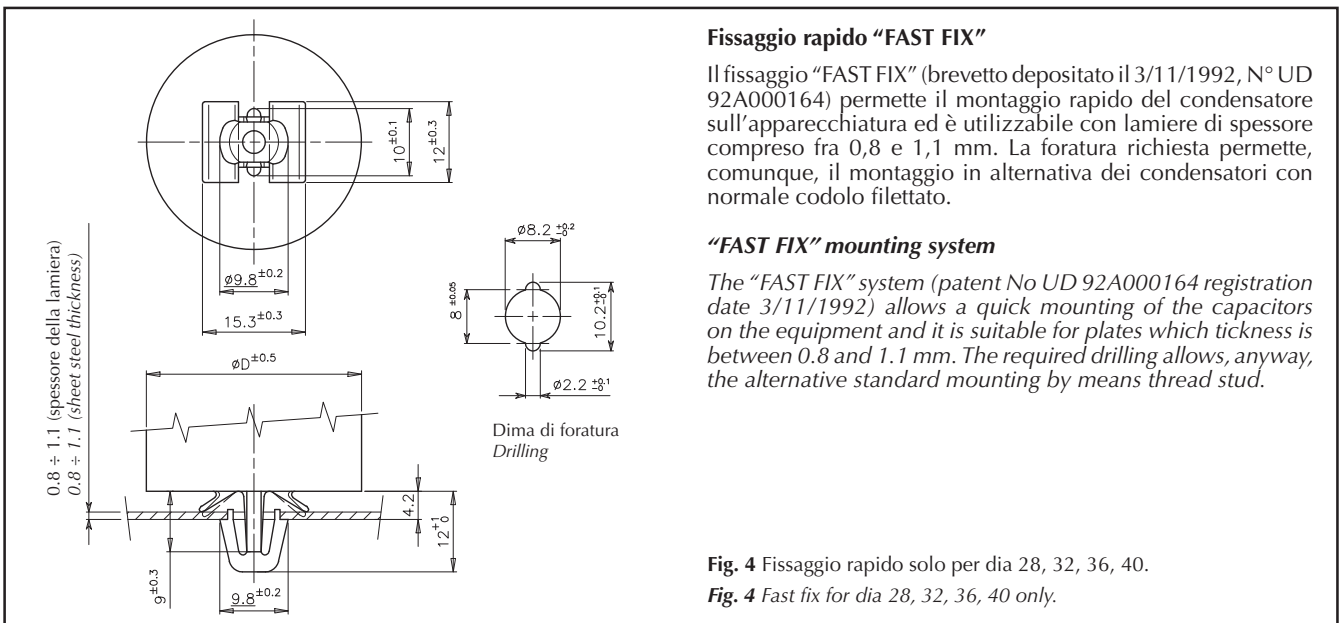
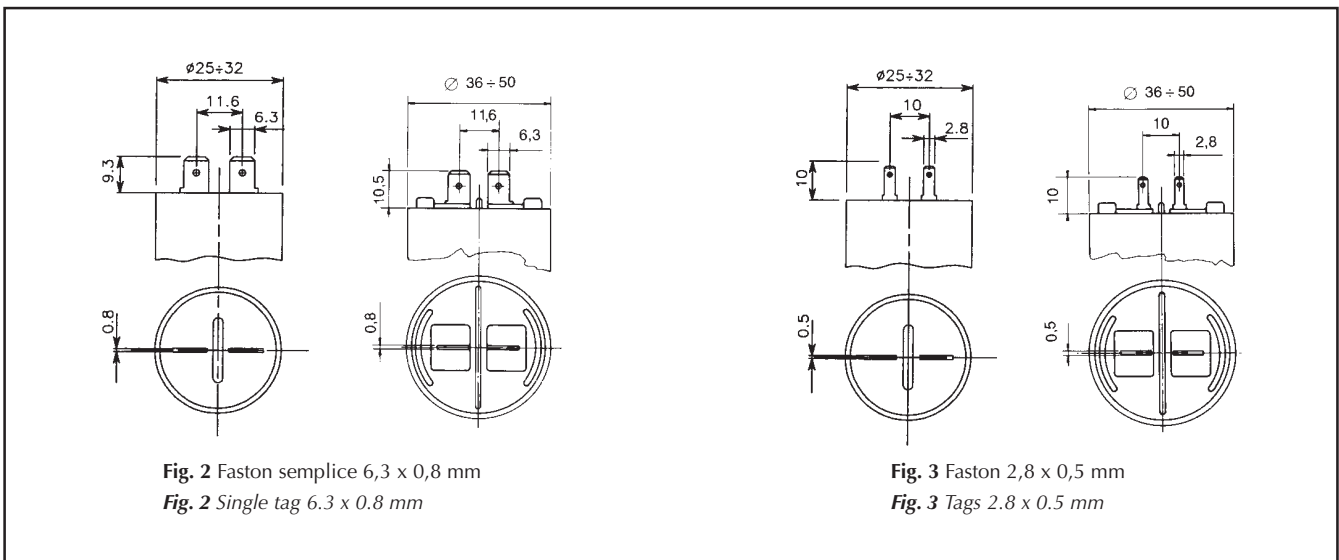
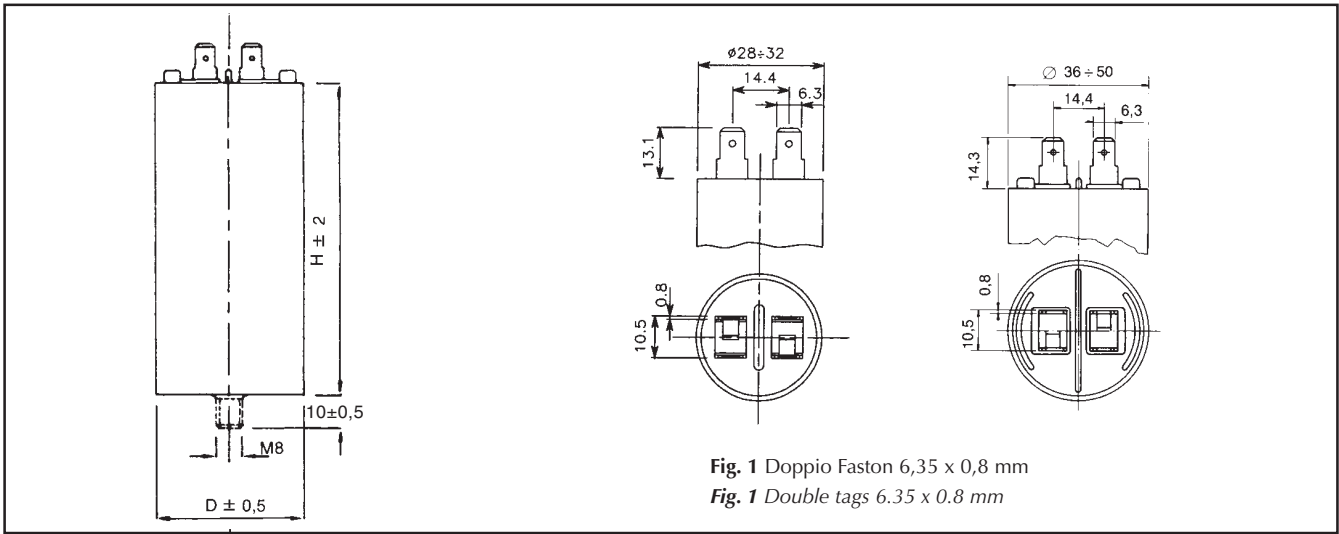
### Accessori kk per i modelli standard Accessories kk for standard models

Fig.	Descrizione Description	Serie - Series 4.16.18/.10/.17		
		 senza codolo without stud	 con codolo with stud	 fissaggio rapido fast fix
1	FASTON 6,3 mm doppio / double tag	60	64	71
2	FASTON 6,3 mm semplice / single tag	26	27	72
3	FASTON 2,8 mm a innesto / plug-in	00	40	
5	Cavo bipolare / twin cable L = 250 mm	10	14	
6	Cavetti unipolari / unipolar leads L = 150 mm	06	46	
Ø 28 e 32 Codolo M8 plastico / Plastic stud M8				
Ø 25, 30, 36 ÷ 60 Codolo M8 metallico / Metallic stud M8				

### Accessori kk per i modelli approvati UL Accessories kk for UL recognized models

Fig.	Descrizione Description	Serie - Series 4.16.18/.10/.17	
		 senza codolo without stud	 con codolo with stud
1	FASTON 6,3 mm doppio / double tag	EA	DA
2	FASTON 6,3 mm semplice / single tag	TA	SA
3	FASTON 2,8 mm a innesto / plug-in	BA	AA
5	Cavo bipolare / twin cable L = 250 mm	LA	KA
6	Cavetti unipolari / unipolar leads L = 150 mm	HA	GA
Ø 28 e 32 Codolo M8 plastico / Plastic stud M8			
Ø 25, 30, 36 ÷ 60 Codolo M8 metallico / Metallic stud M8			

Soluzioni meccaniche / Mechanical configuration



**Fissaggio rapido "FAST FIX"**

Il fissaggio "FAST FIX" (brevetto depositato il 3/11/1992, N° UD 92A000164) permette il montaggio rapido del condensatore sull'apparecchiatura ed è utilizzabile con lamiere di spessore compreso fra 0,8 e 1,1 mm. La foratura richiesta permette, comunque, il montaggio in alternativa dei condensatori con normale codolo filettato.

**"FAST FIX" mounting system**

The "FAST FIX" system (patent No UD 92A000164 registration date 3/11/1992) allows a quick mounting of the capacitors on the equipment and it is suitable for plates which thickness is between 0.8 and 1.1 mm. The required drilling allows, anyway, the alternative standard mounting by means thread stud.