




Series 4.16.10

| Series 4.16.10 | Omologazioni / Approvals | | | | | |
|--|--------------------------|---|---|------------------------------------|---------------|------------------------------|
| | EN 60252-1 |  |  | | | |
| | Tensione Voltage | VDE | IMQ | 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


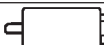
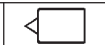
CARATTERISTICHE TECNICHE

| | |
|-------------------------------|--|
| 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 ⁻⁴ (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 ⁻⁴ (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 |

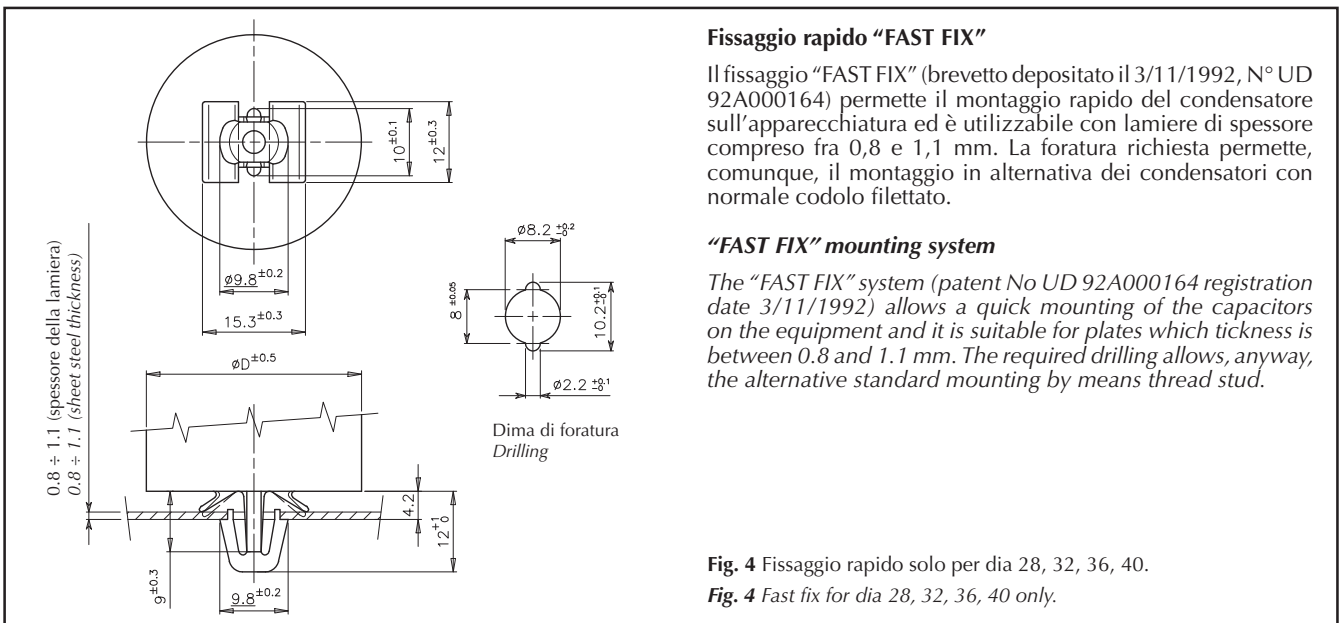
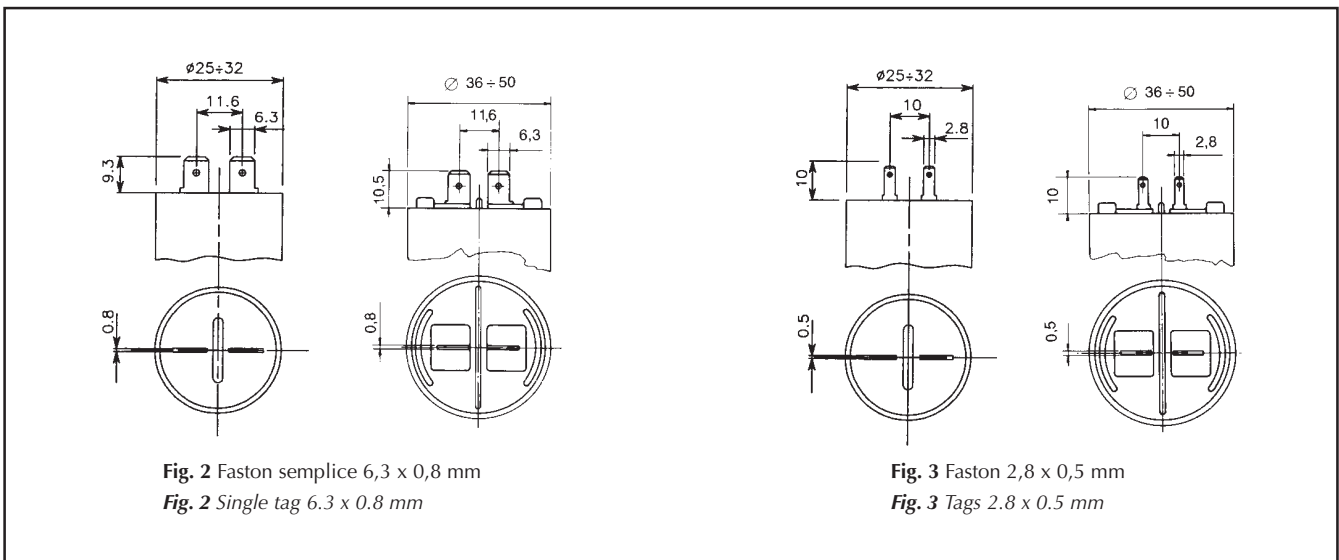
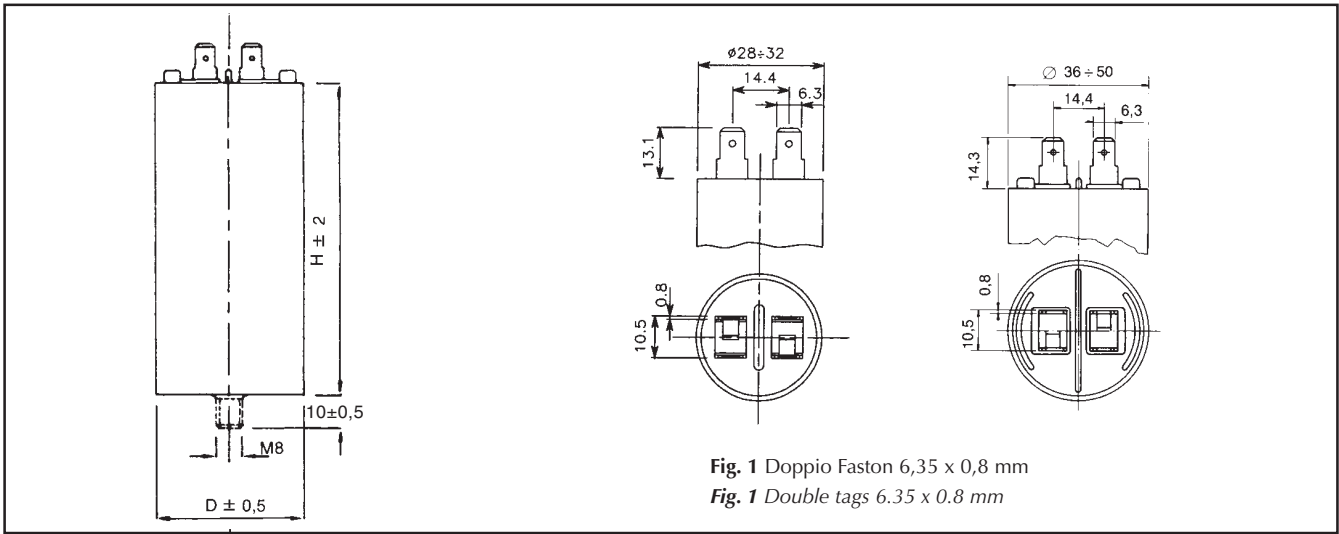
Accessori kk per i modelli standard Accessories kk for standard models

| 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.