



2002-06-17

PRODUKTINFORMATION

Vi reserverar oss mot fel samt förbehåller oss rätten till ändringar utan föregående meddelande

ELFA artikelnr

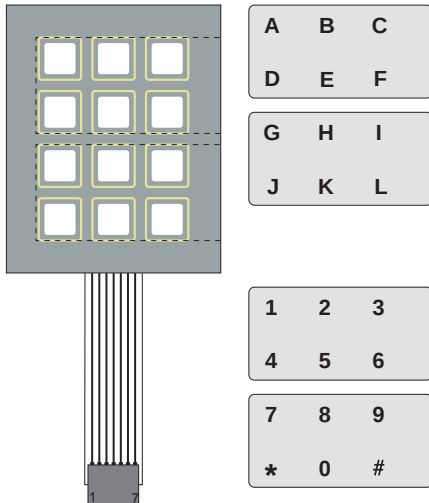
35-679-55	Membrantangentbord 1x4	CCM4TR
35-679-71	Membrantangentbord 3x4	CCM12TR



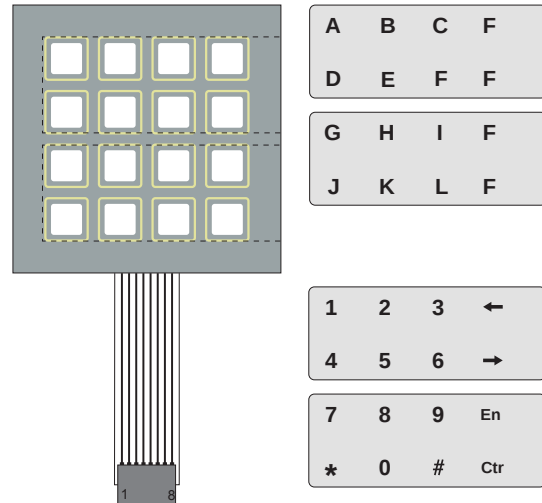
A P E M

Standard keyboards 4, 12 & 16 keys

Ref:CCM 12 TR



Ref:CCM 16 TR



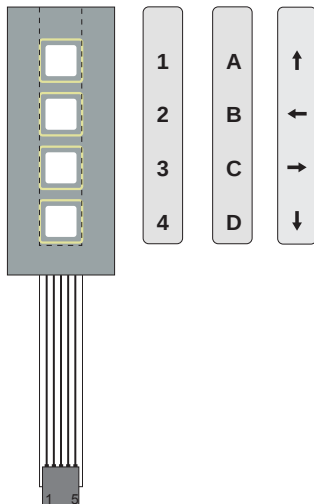
General specification

Tactile keyboard with changeable legends
Graphics overlay and labels in polyester 150µ
Graphics overlay screen printed with 2 colours
Labels screen printed with 2 colours
Output with flexible tail
With a female connector pitch 2.54 mm

Mechanical specification

Contact force 250 gr +/- 20%
Contact travel 0,42 mm +/- 15%
Type of contact Inox domes + silver ink
Operations 1 000 000

Ref:CCM 4 TR



Electrical specification

Nominal operating voltage 24 V
Maximum operating voltage 50 V
Minimum operating voltage 1 V
Maximum intensity 30 mA
Maximum switchable power 500 m W
Contact circuit resistance(typical) 1 ohm/cm (tracks 1mm width)
Dielectric strenght 250 V
Insulation resistance at 100 V 100 Mohms
Maximum contact bounce 5 ms sous 5 V
Compatibility with TTL & MOS circuits
ESD shielding Level 3

Climatic specification

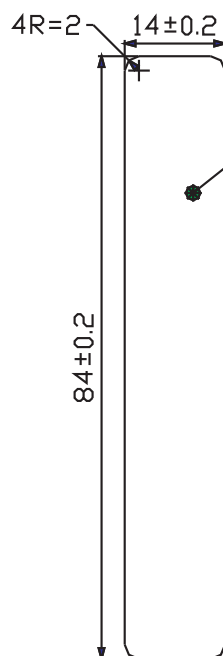
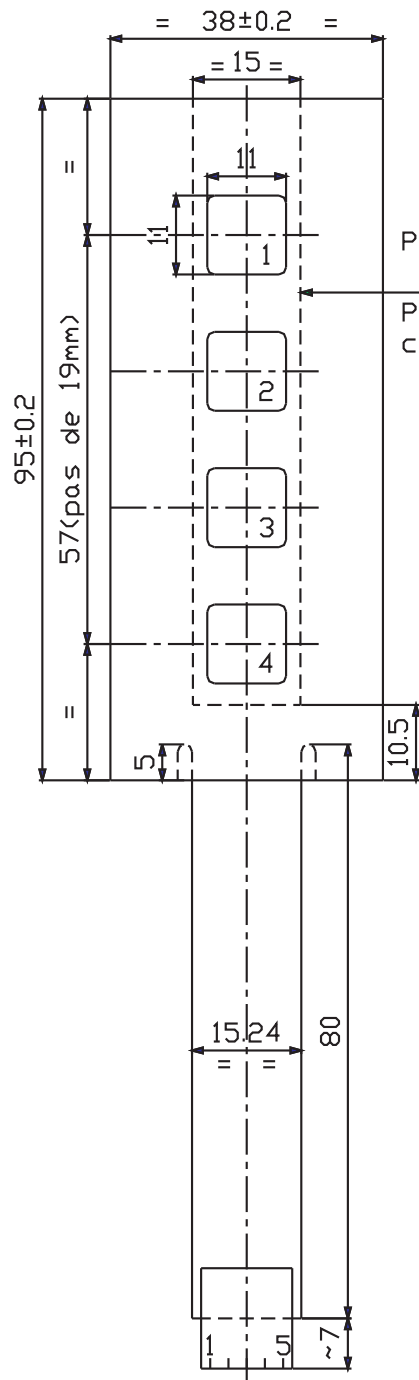
Operating temperature -25° à + 65° C
Storage temperature -30° à + 85° C

Version du 27/05/2002

Unité Claviers

Production : Route d'Ardus - 82000 Montauban - Tel: +33 (0)5 63 91 78 00 - Fax: +33 (0)5 63 91 78 01
Information : Tel : +33 (0)5 63 93 14 98 - Fax: +33 (0)5 63 93 19 03

TOLERANCES GENERALES NON CUMULABLES	DECOUPE	SERIGRAPHIE	DEFORMATION/SERIG.	HAUTEUR DEFORMATION	LARGEUR DEFORMATION
	±0.2	±0.2	±0.3	POLYESTER 0.1 ^{+0.2} ₀ POLYCARBONATE 0.3 ^{+0.3} ₀	0.95mm Mini



ETIQUETTE SERIGRAPHIEE
POLYESTER 150 Microns

Silk screen printed label
Polyester 150 μ

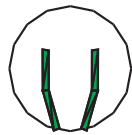
PASSAGE ETIQUETTE
RELEGEABLE

Place to insert
changeable legend

CLAVIER PLAT AVEC EFFET TACTILE PAR COUPELLES
METAL.10x10 (type CCM)
MATIERE FACE AVANT POLYESTER 150 Microns
MATIERE ADHESIF ARRIERE DS397
CONNECTEUR CRIMPFLEX FEMELLE 5 Pts
AU PAS DE 2.54mm (REF: E200F05)
CLAVIER RELEGEABLE PAR LE HAUT

Flexible membrane keyboard with tactile effect
by metal domes 10x10 (CCM TYPE)
Front face of polyester 150μ
Rear side adhesive : DS397
Crimpflex female connector 5 pins pitch 2.54mm (REF:E200F05)
Keyboard with changeable legend from the top

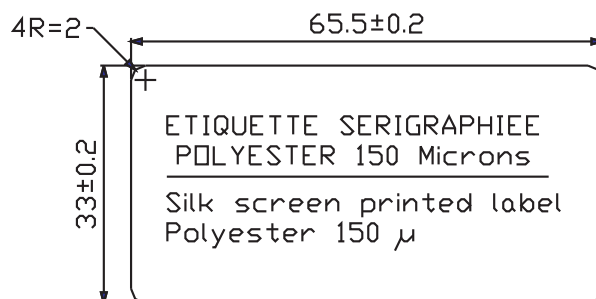
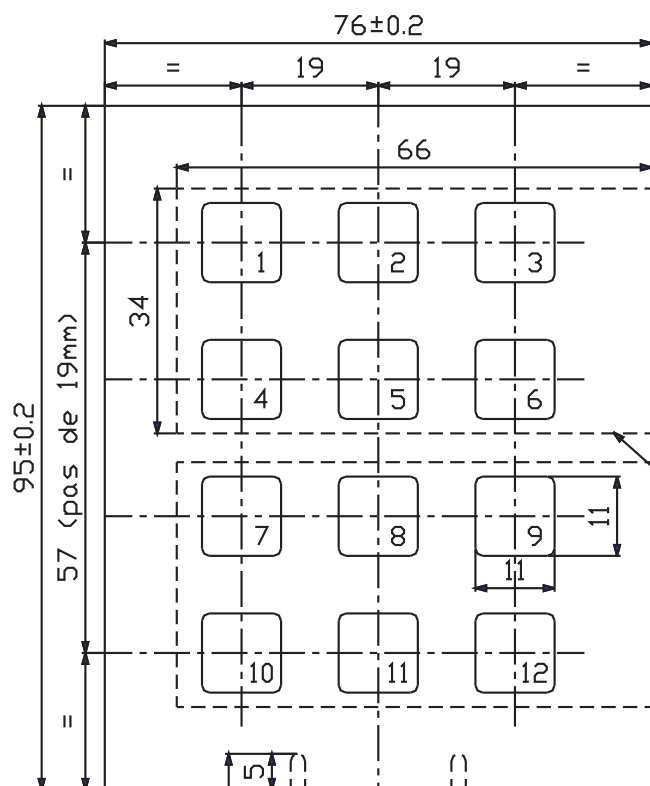


				Matiere	 APEM Unité Claviers Route d'ardus - 82000 Montauban Tél: 05 63 91 78 00 - Fax: 05 63 91 78 01	Dessine: KORMANN.M
				Traitement		Date: 04/10/95
				Protection		Verifie:
				Ech:1/1		Ref.Plan 4T-STDR
A	CREATION	04.10 95	KM			Cde Art. CCM4 TR
Rep.	Modifications	Date	Visa			

PLAN DE REFERENCE DU CLAVIER
"4 TOUCHES STANDARD"

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TOLERANCES GENERALES NON CUMULABLES	DECOUPE	SERIGRAPHIE	DEFORMATION/SERIG.	HAUTEUR DEFORMATION	LARGEUR DEFORMATION
	±0.2	±0.2	±0.3	POLYESTER 0.1 $\begin{smallmatrix} +0.2 \\ +0 \end{smallmatrix}$ POLYCARBONATE 0.3 $\begin{smallmatrix} +0.3 \\ +0 \end{smallmatrix}$	0.95mm Mini



PASSAGES ETIQUETTES
RELEGENDBLES

Place to insert
changeable legends

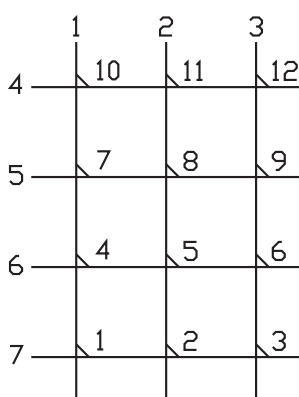
CLAVIER PLAT AVEC EFFET TACTILE PAR
COUPELLES METAL.10x10 (type CCM)

MATIERE FACE AVANT POLYESTER 150 Microns
MATIERE ADHESIF ARRIERE DS397

CONNECTEUR CRIMPFLEX FEMELLE 7 Pts
AU PAS DE 2.54mm (REF: E20PF07)

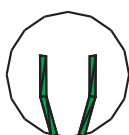
CLAVIER RELEGENDBLE PAR LE COTE DROIT

Flexible membrane keyboard with tactile effect
by metal domes 10x10 (CCM TYPE)
Front face of polyester 150μ
Rear side adhesive : DS397



Crimpflex female connector 7 pins
pitch 2.54mm (REF:E20PF07)

Keyboard with changeable legend
from the right border

				Matiere	 APEM Unité Claviers	Dessine: KORMANN.M
				Traitement		Date: 04/10/95
				Protection		Verifie:
				Ech:1/1		Ref.Plan 12T-STDR
A	CREATION	04.10 95	KM			Cde Art. CCM12 TR
Rep.	Modifications	Date	Visa			

PLAN DE REFERENCE DU CLAVIER
"12 TOUCHES STANDARD"

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