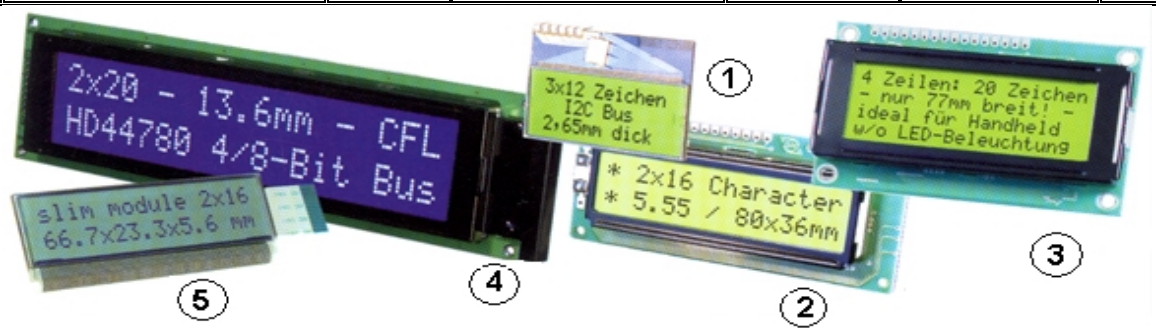
Character displays

Standard modules

Lines× Char.	Item description	Char. height	Module dimension WxHxD	Window WxH	Connection	Bezel accessories
1x16	EA W161-DNLED	6.6	80.0x36.0x14.5	64.5x13.8	1x16	017-1U
1x20	EA P201-GHNLED	14.5	180.0x40.0x15.3	149.0x23.0	2x8	017-26
2x8	EA P082-N2LED	5.6	58.0x32.0x14.0	38.0x16.0	2x7	---
	EA P082-CHNLED	11.56	84.0x44.0x13.7	63.0x25.0	1x16	017UKE
2x12	EA P122-ANLED	5.5	55.7x32.0x13.0	46.7x14.5	1x15	(055)?
2x16	EA P162-EFLEX	5.6	66.7x25.9x4.2	61.0x15.9	Flexible cable	017-2U
	EA W162-N3LED	5.6	80.0x36.0x11.5	61.0x16.0	1x16	017-2U
	EA W162-N4LED	5.6	80.0x36.0x9.7	66.0x16.0	1x16	017-2U
	EA W162-NLED	5.6	84.0x44.0x14.0	61.0x16.0	1x14+2	017-2U
	EA W162-BNLED	9.7	122.0x44.0x14.0	99.0x24.0	1x14+2	017-12U
2x20	EA P202-BNLED	5.6	116.5x39.0x14.5	85.0x18.6	2x8	017-7U
	EA P202-B3HNLED	9.7	180.0x40.0x15.3	149.0x23.0	2x8	---
	EA 8202-CNLED	12.7	182.0x60.0x14.0	147.0x35.2	2x8	017-27
2x24	EA P242-NLED	5.6	118.0x36.0x14.0	93.5x15.8	2x8	017-14U
	EA P242-BHNLED	9.6	208.0x40.0x13.8	178.0x23.0	2x8	---
2x40	EA W402-NLED	5.6	182.0x33.5x14.0	152.5x16.5	2x7+2	017-4U
3x12	EA T123G-I2C	4.7	46.0x33.0x2.7	37.4x17.0	1x6	---
4x12	EA C124-NLED	6.75	63.2x55.0x12.5	55.0x36.0	1x16	(017-17U)?
4x16	EA P164-NLED	4.8	87.0x60.0x14.0	61.8x25.4	1x14+2	017-8U
4x20	EA P204-3NLED	3.2	65.0x30.0x8.5	46.0x18.4	Flexible cable	---
	EA P204-4NLED	4.0	77.0x47.0x9.6	60.0x22.0	1x16	(017-8U)?
	EA W204-NLED	4.8	98.5x60.0x15.6	76.0x25.2	1x16	017-9U
	EA W204-BNLED	9.2	146.0x62.5x14.0	123.0x42.5	1x14+2	017-25
	EA 8204-CNLED	12.7	182.0x90.0x14.0	147.0x65.4	2x7+2&1x14	017-28
4x40	EA W404-NLED	4.9	190.0x54.0x14.0	147.0x29.5	2x8+2	017-13U
	EA P404-GHNEL	14.5	280.0x88.0x9.9	244.0x68.0	1x16+2	---

PLED modules

Linesx Chars	Item description	Char. height	Module dimension WxHxD	Window WxH	Connection	Bezel accessories
2x16	EA 8162-XLG	5,6	84.0x44.0x9.4	66.0x16.0	1x14	017-2U
2x20	EA 8202-XGL	5,6	113.0x41.4x9.6	79.0x17.0	1x14	017-7U





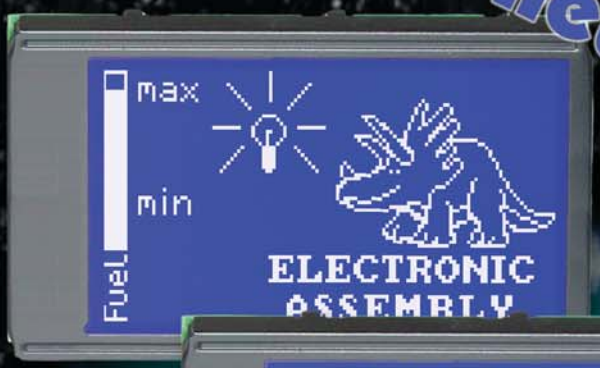
1. **EA 7123-12C**
2. **EA P162-N3LED**
3. **EA P204-4NLED**
4. **EA C202-C2C**
5. **EA P162-EFLEX**
6. **EA 8162-XLG**

DIP

Displays with Pins

new !

Graphic 128x64
EA DIP128-6N5LW



2x16
EA DIP162-DN3LW

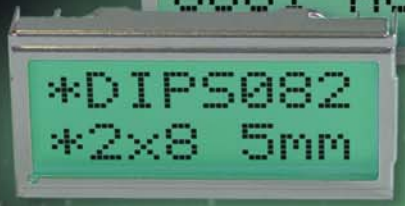


75x27mm

1x8
EA 8081-A3N



2x8
EA DIPS082-HN





40x20mm

Graphic 122x32
EA DIP122-5NLED



1x8
EA DIP081-CNLED



2x16
EA DIP162-DNLED



4x20
EA DIP204-4NLED





68x27mm

blue line

displays

... with white LED backlight:

- **low power 15..60..180mA@5V**
- **ultra low power from 2mA@3,6V**
- **HD 44780 compatible**
- **standard outline dimension**
- **2x16 ~ 4x40 character**
- **graphic 128x64 ~ 240x128 dots**
- **long life 100.000 h**



2x16

4x20





2x40



2x20

char.	char. height	outline dim.	ordering information
1x16	9,66mm	122x33mm	EA E161-ENLW
2x16	5,55mm	80x36mm	EA E162-N3LW
2x16	5,55mm	84x44mm	EA E162-NLW
2x16	9,66mm	122x44mm	EA E162-BNLW
2x20	5,55mm	116x37mm	EA E202-NLW
2x20	12,7mm	190x54mm	EA E202-CNLW
2x24	5,55mm	118x36mm	EA E242-NLW
2x40	5,55mm	182x33mm	EA E402-NLW
4x16	4,75mm	87x60mm	EA E164-NLW
4x20	4,75mm	98x60mm	EA E204-NLW
4x40	4,89mm	190x54mm	EA E404-NLW
128x64	Grafik	93x70mm	EA E128-6N2LW
160x128	Grafik	129x102mm	EA W160-7KHLW
240x64	Grafik	180x65mm	EA W240-6KH2LW
240x128	Grafik	144x104mm	EA W240-7KHLW



160x128



4x40

Graphic displays

STANDARD MODULES							
Item description	Resolution Pixels	Dimension W x H x D	Bezel	Controller	Illum.	Touch	Vee
EA P098-5NLED	98x32	52x44x13		SED 1520 onboard	LED		-1.5V
EA P120-5NLED	120x32	68x39x8	017-8U		LED	yes	-1V
EA DIP122-5NLED	122x32	68x27x11			LED		-1V
EA P122-5NLED	122x32	84x44x14	0090-122		LED		-2V
EA W128-6X8HEW	128x64	34x25x4		KS 0713 onboard	EL		build in
EA W128-6X9EW	128x64	56x43x4			EL		build in
EA W128-6N2LED	128x64	93x70x14	0099-KE	KS 0107/8 onboard	LED	yes	build in
EA E128-6N2LW	128x64	93x70x14	0099-KE		LED	yes	build in
EA DIP128-6N5LW	128x64	75x46x11			LED	yes	build in
EA DIP128J-6N5LW	128x64	75x46x11			LED	yes	build in
EA P128-6N3LED	128x64	84x60x11			LED		build in
EA P128-6N7LED	128x64	75x53x9	017-17U		LED		-5V
EA J128-6N6LED	128x64	78x70x10			LED		-10V
EA P128-7KLED	128x128	85x100x14		T 6963C onboard	LED		-15V
EA C160-6NLED	160x80	93x70x14	0099-KE	LC7981 onboard	LED	yes	build in
EA W160B-6NLW	160x80	93x70x14	0099-KE		LED	yes	build in
EA W160-7KHLW	160x128	140x102x19	017-18U	T 6963C onboard	LED	yes	build in
EA W160-7KHC	160x128	140x120x19	017-18U		CFL	yes	build in
EA W240-6K2HLW	240x64	180x65x15	017-10U		LED	yes	build in
EA P240-6K2C	240x64	187x65x14	017-10U		CFL	yes	build in
EA DIP204B-7KLW	240x128	113x70x11			LED	yes	build in
EA W240-7K2C	240x128	170x105x14			CFL		build in
EA W240-7KHLEDB	240x128	144x104x14	0FP240-7		LED	yes	build in
EA W240-7KHC	240x128	152x104x14	0FP240-7		CFL	yes	build in
EA P320-8K2C	320x240	156x120x21	0FP320-8	SED 1335 onboard	CFL	yes	build in
EA W320W-8K2LW	320x240	156x120x21	0FP320-8		LED	yes	build in
EA 7320-7,9NC	320x240	139x120x14	017-18U	Recommended: EA 9710	CFL		-18V
EA P320-7,9NCTP	320x240	142x98x16	017-18U		CFL	yes	-18V
EA 7320-7,9N2C	320x240	174x112x14			CFL		-18V
EA P320-7,9NLED	320x240	151x97x15			LED		-22V
EA W320F-8C	320x240x3	154x115x9	0FP320F-8		CFL	yes	+26V
EA 8640-8,8BWC3	640x480	260x174x7			CFL		-18V



1



2

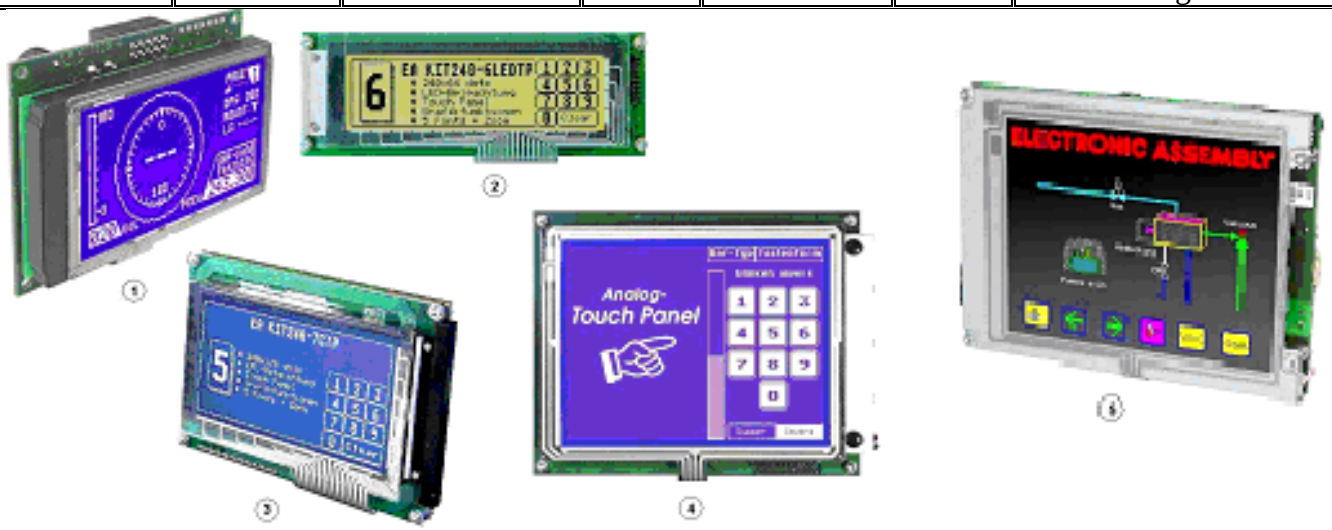


3

1. EA W128-6N2LED
2. EA W240-6K2HLW
3. EA W240-7KHC

Control Panels with Touch

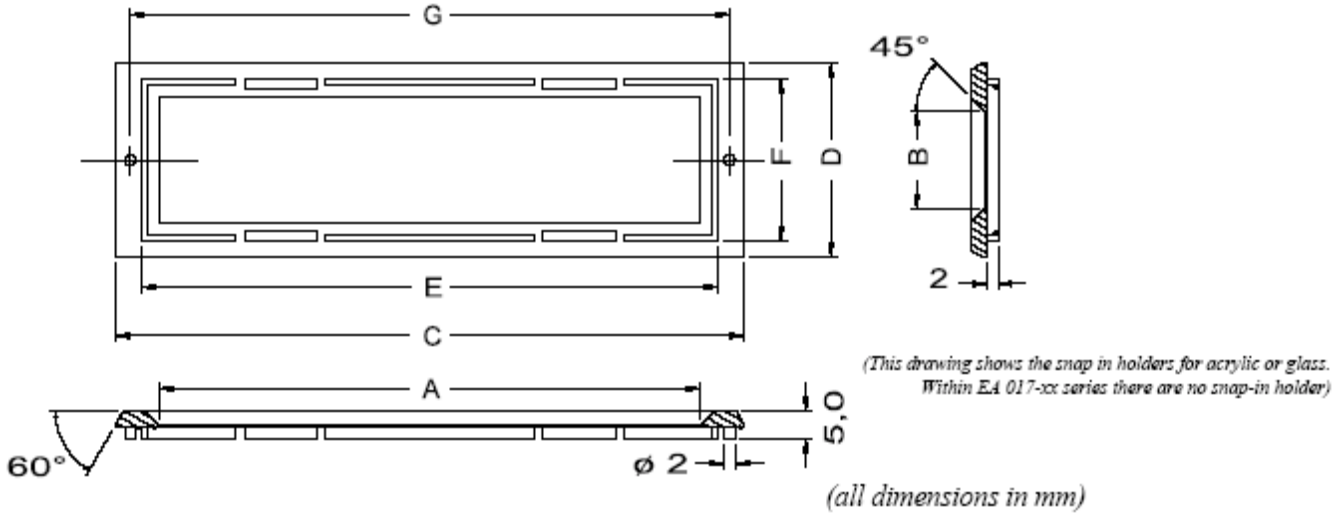
Item description	Resolution	Dimensions	Screen	Options	Fields	Notes
KIT120-5LED	120x32	68x39x24mm	2,4”	9…38V Touch Panel	5x2	RS-232, Snap-In
KIT 129-6LW	128x64	75x60x24mm	2,8”	9…36V, Touch Panel	5x3	RS-232, blue negative with LED-B./L..
KIT 129J-6LW						RS-232, black-white, positive
KIT 160-6LW	160x80	101x78x35mm	3,1”	9…36V, RS-422 Touch Panel	8x4	blue negative with white LED-B./L..
KIT 160-6LED						LED-backlight y/gn, Snap-In-Case
KIT 240-6LW	240x64	180x65x40mm	5,4”	9…36V RS-422 Touch Panel	12x4	blue negative with white LED-B./L..
KIT 240-6LED						LED-backlight yellow/green
KIT 160-7C	160x128	140x102x36mm	5,1”	9…36V RS-422 Touch Panel	8x7	blue negative with white CFL-B./L.
KIT 160-7LW						LED-backlight white
KIT 240-7C	240x128	144x104x40mm	5,0”	9…36 RS-422 Touch Panel	10x6	blue negative with white CFL-B./L.
KIT 240-7LED						LED-backlight yellow/grenn
KIT 320-8C	320x240 ¼ VGA	156x121x36mm	5,9”	9…36V RS-422 Touch Panel	analog	blue negative with white CFL-B./L.
KIT 320-8LW						Black-white positive with LED-B./L.
KIT 320F-8C	¼ VGA Colour	155x115x34mm	5,9”	9…36V RS-422 Touch Panel	analog	STN-colour display, 16 colors CFL-backlighted



1. **KIT 129-6LW**
2. **KIT 240-6LED**
3. **KIT 240-7C**
4. **KIT 320-8C**
5. **KIT 320F-8C**

Bezels

Ordering information	Viewing area		Bezel size		Cutout		Studs	Matching lcd-module	
	A	B	C	D	E	F	G	dotmatrix	graphic
EA 017-1U	63,5	12,8	79,5	25,0	69,7	19,2	74,5	EA 7161-A	1x16
EA 017-2U	60,0	14,8	76,0	27,0	66,2	21,2	71,0	EA 7162	2x16
EA 017-3	131,5	13,0	147,5	25,2	137,7	19,4	142,5	(EA 7321)	1x32
EA 017-4U	153,0	14,8	169,0	27,0	159,2	21,2	164,0	EA 7402	2x40
EA 017-5	140,0	15,8	156,0	28,0	146,2	22,2	151,0	EA 7322-B	2x32
EA 017-6U	98,5	12,8	114,5	25,0	104,7	19,2	109,5	EA 7161-E	1x16
EA 017-7U	81,5	17,2	97,5	29,4	87,7	23,6	92,5	EA 7202	2x20
EA 017-8U	60,8	24,2	76,8	36,4	67,0	30,6	71,8	EA 7164	4x16
EA 017-9U	75,0	24,2	91,0	36,4	81,2	30,6	86,0	EA 7204	4x20
EA 017-10U	131,0	38,0	147,0	50,2	137,2	44,4	142,0	EA 7240-6	240x64
EA 017-11	243,0	18,0	259,0	30,2	249,2	24,4	254,0	EA 8401-B	1x40
EA 017-12U	97,4	22,4	113,4	34,6	103,6	28,8	108,4	EA 7162-B	2x16
EA 017-13U	145,0	28,0	161,0	40,2	151,2	34,4	156,0	EA 7404	4x40
EA 017-14U	92,0	14,8	108,0	27,0	98,4	21,2	103,0	EA 7242	2x24
EA 017-15U	68,0	68,0	84,0	80,2	74,2	74,4	79,0	EA VK-2128	128x128
EA 017-16U	75,0	39,0	91,0	51,2	81,2	45,4	86,0	EA VK-2080	160x80
EA 017-17U	58,0	32,5	74,0	44,7	64,2	38,9	69,0	EA VK-2064	128x64
EA 017-18U	99,5	80,5	115,5	92,7	105,7	86,9	110,5	EA VK-5160	160x128
EA 017-23	121,0	12,0	137,0	24,2	127,2	18,4	132,0	EA 8201-B	1x20
EA 017-24	121,0	22,0	137,0	34,2	127,2	28,4	132,0	EA 8202-B	2x20
EA 017-25U	121,0	41,5	137,0	53,7	127,2	47,9	132,0	EA 8204-B	4x20
EA 017-26	145,0	17,5	161,0	29,7	151,2	23,9	156,0	EA 8201-C	1x20
EA 017-27	145,0	33,8	161,0	46,0	151,2	40,2	156,0	EA 8202-C	2x20
EA 017-28	145,0	63,9	161,0	76,1	151,2	70,3	156,0	EA 8204-C	4x20



(This drawing shows the snap in holders for acrylic or glass. Within EA 017-xx series there are no snap-in holder)

(all dimensions in mm)

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