
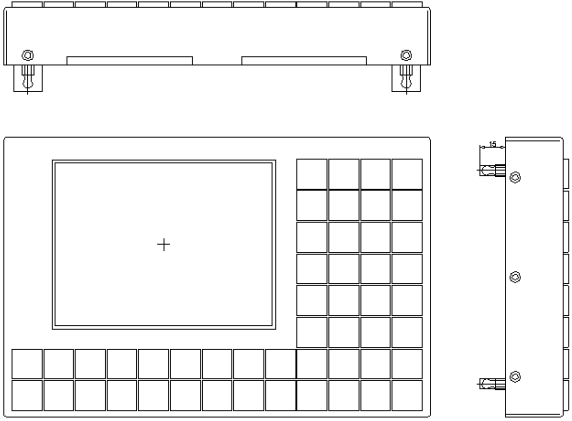
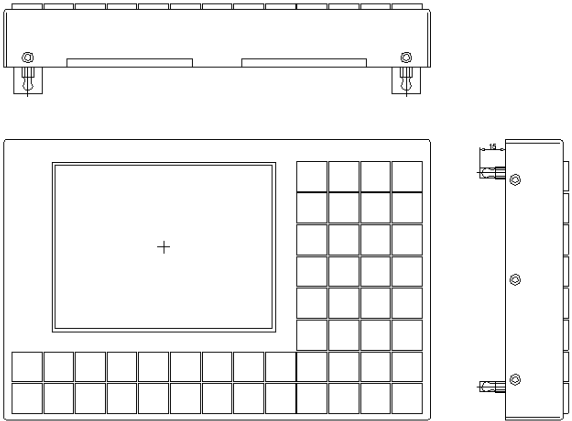



**R&R keyboard with illuminated keys  
LT1, LT2, LT4** 





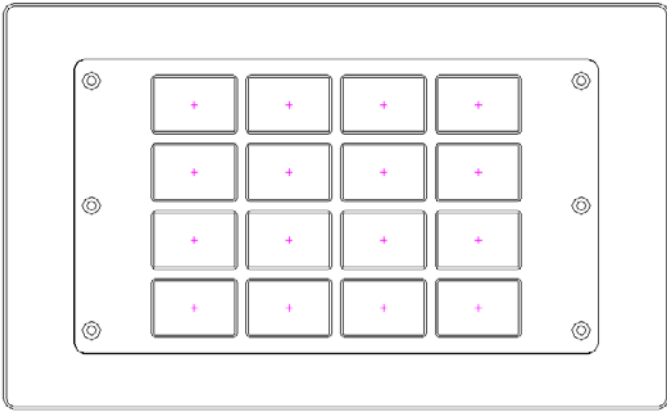
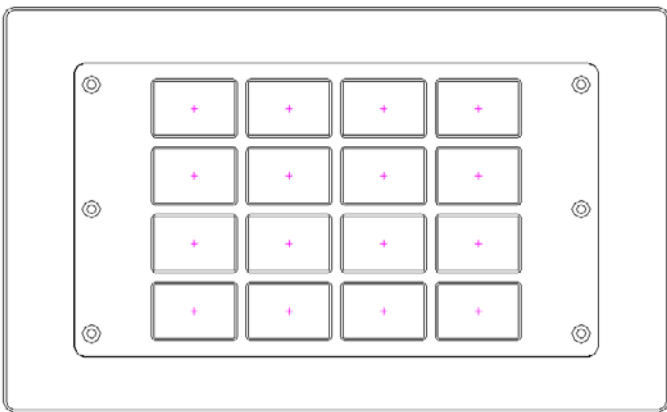
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 Kreissparkasse Tuttlingen (BLZ 64350070) 392  
 USt.-IdNr.: DE141907699

Art.-Nr	Bezeichnung	Bild
888	IK103 PS2-Tastatur mit Farb-VGA-Display (HxBxT) ca. 168.5 x 257 x 35mm 50 R&R Tasten LT4 Hub 1.5 mm, Betätigungskraft 2N Lebensdauer > 3 Millionen Schaltzyklen Beschriftung mit Einlegeschildchen 4 Tasten mit LED beleuchtet. 6.4" TFT LC-Display mit ISA Grafikkarte 640 x 480 Pixel 262.144 Farben Datenblatt DNR 9150	
890	IK103 PS2-Tastatur ohne Display (HxBxT) ca. 168.5 x 257 x 35mm 50 R&R Tasten LT4 Hub 1.5 mm, Betätigungskraft 2N Lebensdauer > 3 Millionen Schaltzyklen Beschriftung mit Einlegeschildchen 4 Tasten mit LED beleuchtet. vorbereitet für ein 6.4" TFT LC-Display Datenblatt DNR 9150	
1007	IKL 4poliges Kabel 5 m für IKL4-102, -103, -110, I/O-Modul M100	
1739	IKL-118 LT1 4x3 LED Ethernet RR-P-XXX Ethernetcontroller R&R LT1-Taste 30x20 mm, Beleuchtung LED 3mm 2farbig, 1.2mm Hub, 1N Frontplatte Aluminium eloxiert, Stromversorgung 24V DC BxHxT ca. 246 x 150 x 80 mm Datenblatt DNR 12756	

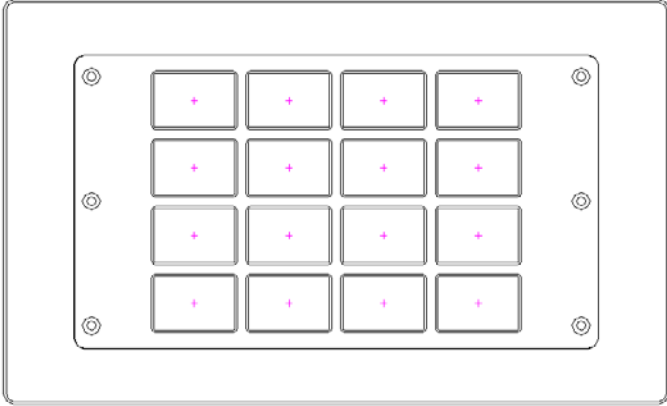
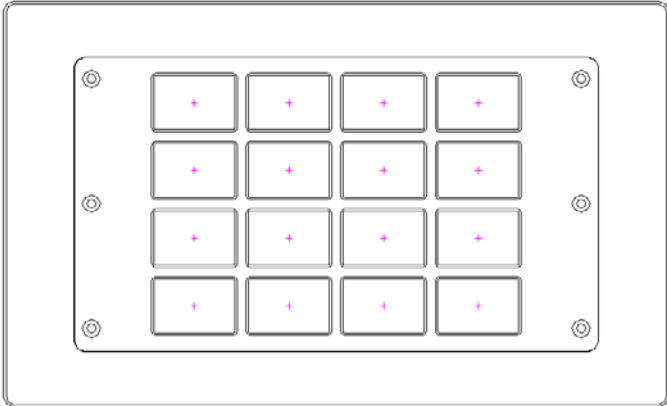
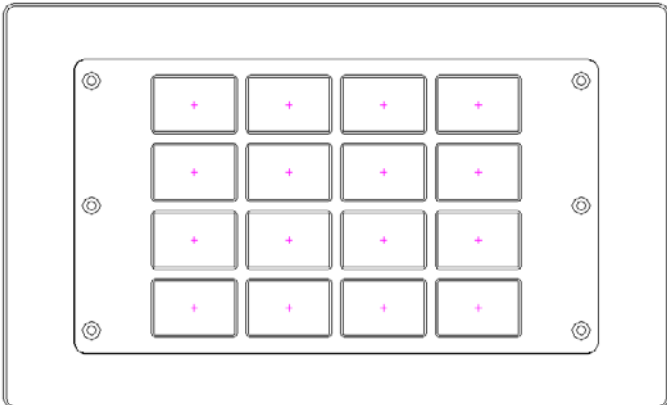
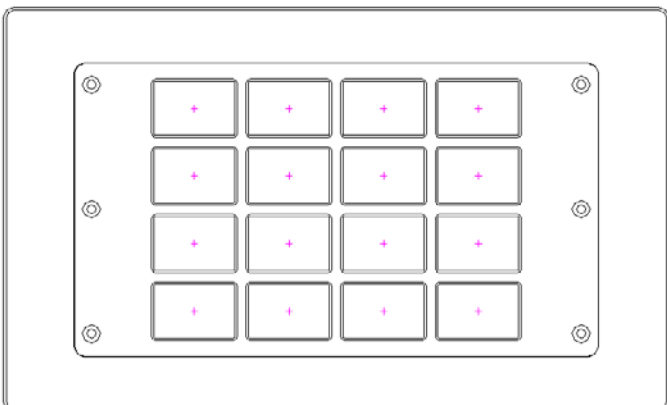
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Art.-Nr	Bezeichnung	Bild
1726	IKL-118 LT1 4x3 LED Interbus-S Interbus-S Controller RR-P-316 R&R Leuchttaste LT1 30x20 mm, Beleuchtung LED 3mm 2farbig, 1.2mm Hub, 1N Frontplatte Aluminium eloxiert, Stromversorgung 24V DC 16 digitale Eingänge BxHxT ca. 246 x 150 x 80 mm Datenblatt DNR 12756	
1725	IKL-118 LT1 4x3 LED-4x Interbus-S Interbus-S Controller RR-P-316 R&R Leuchttaste LT1-Taste 30x20 mm Beleuchtung RRP320-4xSMD-LED 2farbig 1.2mm Hub, 1N Frontplatte Aluminium eloxiert, Stromversorgung 24V DC BxHxT ca. 246 x 150 x 80 mm Datenblatt DNR 12756	
1730	IKL-118 LT1 4x4 LED Ethernet serieller Controller RR-P-395 + Ethernetcontroller R&R LT1-Taste 30x20 mm, Beleuchtung LED 3mm 2farbig, 1.2mm Hub, 1N Frontplatte Aluminium eloxiert, Stromversorgung 24V DC BxHxT ca. 246 x 150 x 80 mm Datenblatt DNR 12756	
1723	IKL-118 LT1 4x4 LED Interbus-S Interbus-S Controller RR-P-316, R&R Leuchttaste LT1-Taste 30x20 mm LED 3mm 2farbig, 1.2mm Hub, 1N Frontplatte Aluminium eloxiert, Stromversorgung 24V DC BxHxT ca. 246 x 150 x 80 mm Datenblatt DNR 12756	

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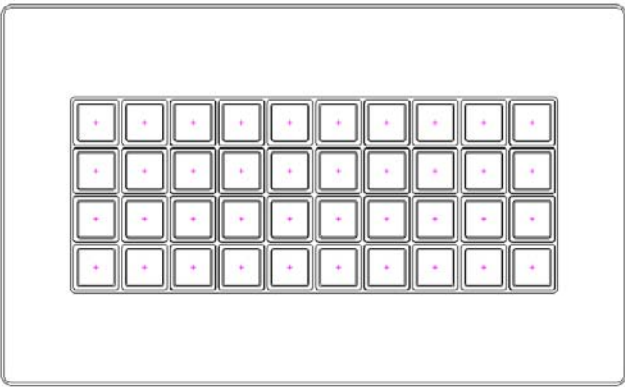
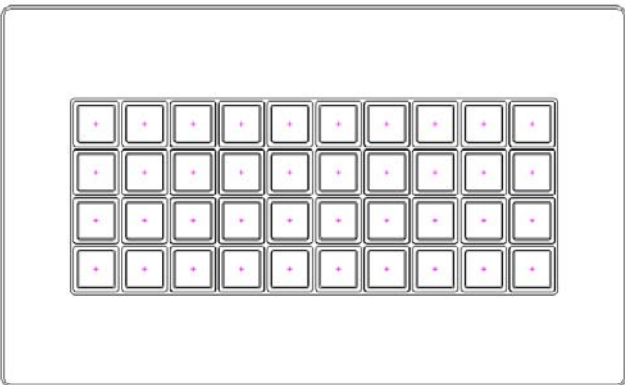
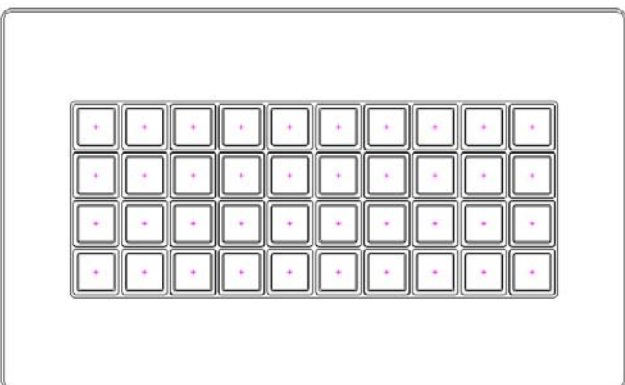
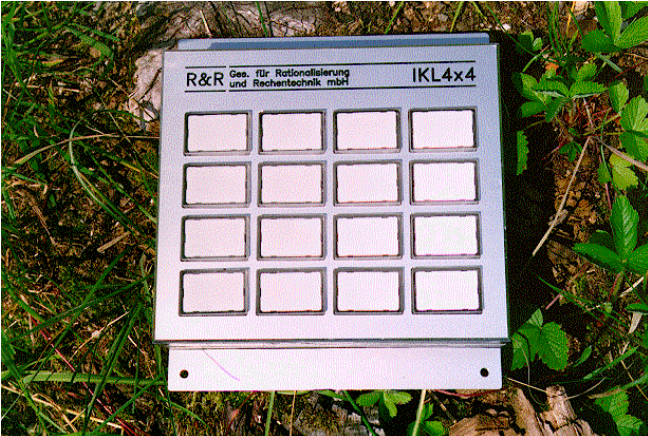
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Art.-Nr	Bezeichnung	Bild
1728	IKL-118 LT1 4x4 LED RS232C/422/485 serieller Controller RR-P-395 R&R LT1-Taste 30x20 mm, Beleuchtung 3mm 2farbig, 1.2mm Hub, 1N Frontplatte Aluminium eloxiert, Stromversorgung 24V DC BxHxT ca. 246 x 150 x 80 mm Datenblatt DNR 12756	
1729	IKL-118 LT1 4x4 LED-4x Ethernet serieller Controller RR-P-395 + Ethernetcontroller R&R LT1-Taste 30x20 mm, Beleuchtung RRP320-4xSMD-LED 2farbig, 1.2mm Hub, 1N Frontplatte Aluminium eloxiert, Stromversorgung 24V DC BxHxT ca. 246 x 150 x 80 mm Datenblatt DNR 12756	
1724	IKL-118 LT1 4x4 LED-4x Interbus-S Interbus-S Controller RR-P-316 R&R Leuchttaste LT1 30x20 mm, Beleuchtung RRP320-4xSMD-LED 2farbig 1.2mm Hub, 1N Frontplatte Aluminium eloxiert, Stromversorgung 24V DC BxHxT ca. 246 x 150 x 80 mm Datenblatt DNR 12756	
1727	IKL-118 LT1 4x4 LED-4x RS232C/422/485 serieller Controller RR-P-395 R&R Leuchttaste LT1 30x20 mm, Beleuchtung RRP320-4xSMD-LED 2farbig, 1.2mm Hub, 1N Frontplatte Aluminium eloxiert, Stromversorgung 24V DC BxHxT ca. 246 x 150 x 80 mm Datenblatt DNR 12756	



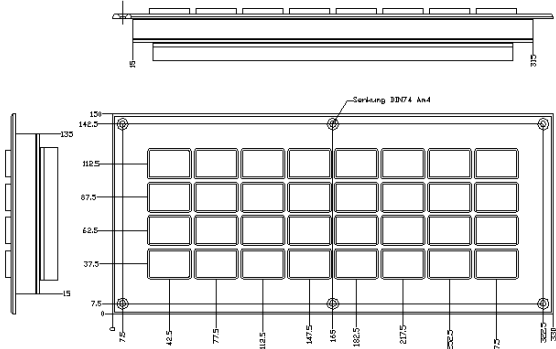
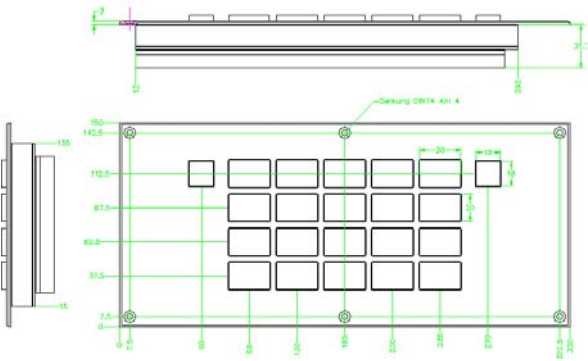
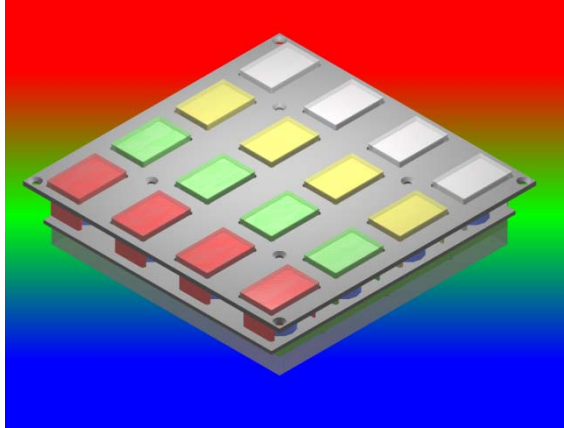
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Art.-Nr	Bezeichnung	Bild
1733	IKL-118 LT4 10x4 LED Ethernet serieller Controller RR-P-395 + Ethernetcontroller 40 R&R Leuchttasten LT4 18x18 mm LED 3mm 2farbig, 1.2mm Hub, 1N Frontplatte Aluminium eloxiert, Stromversorgung 24V DC BxHxT ca. 246 x 150 x 80 mm Datenblatt DNR 12756	
1731	IKL-118 LT4 10x4 LED Interbus-S Interbus-S Controller RR-P-316 40 x R&R Leuchttasten LT4 18x18 mm LED 3mm 2farbig, 1.2mm Hub, 1N Frontplatte Aluminium eloxiert, Stromversorgung 24V DC 32 digitale Eingänge BxHxT ca. 246 x 150 x 80 mm Datenblatt DNR 12756	
1732	IKL-118 LT4 10x4 LED RS232C/422/485 serieller Controller RR-P-395 40 x R&R Leuchttaste LT4 18x18 mm LED 3mm 2farbig, 1.2mm Hub, 1N Frontplatte Aluminium eloxiert, Stromversorgung 24V DC BxHxT ca. 246 x 150 x 80 mm Datenblatt DNR 12756	
52	IKL-4x4 RS485  R&R industrial keyboard wall mount case Al elox (W x H x D) 180 x 160 x 38 mm 4x4 R&R illuminated keys type LT1 power supply 24 V / 700 mA regulated protection class IP 6 5 all around weight 950 g watchdog data sheet DNR 5795	

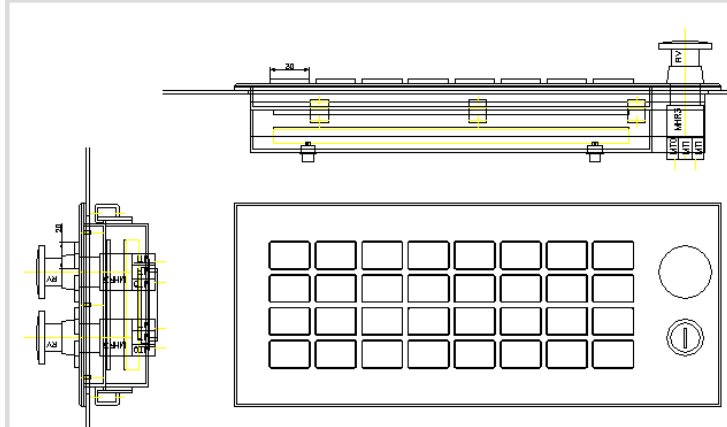
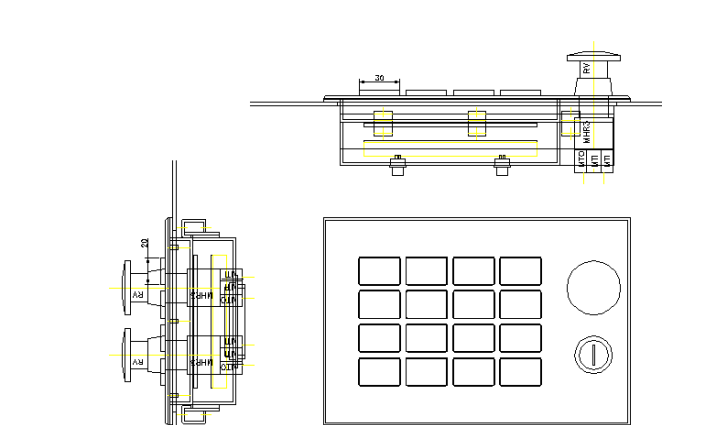


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Art.-Nr	Bezeichnung	Bild
665	<p>IKL1-100 RS485            OR&amp;R Industrial keyboard            case mountable case            front plate aluminium elox            sealing frame PE black            (H x W x D ) 330 x 150 x 39 mm            layout 4x8 LT1            R&amp;R luminous-key            LT1 key cap=30 x 20mm            key cap PC colorless, red, yellow or green            UV-stabilized            illumination micro light bulbs T1            silicon switching pad with 1,5 mm lift and 2 N            actuation force            lifetime &gt; 3 million cycles            24V DC            data sheet DNR 7692</p>	
550	<p>IKL1-101 RS485            OR&amp;R Industrial keyboard            case mountable case            front plate aluminium elox            sealing frame PE black            (H x W x D ) 330 x 150 x 39 mm            layout 4x5 LT1- and 2 x LT2-keys            (max. 4 x 7 keys)            patented R&amp;R luminous-key            LT1=30 x 20mm/LT2 = 18 x 18 mm            key cap PC colorless, red, yellow or green            UV-stabilized            illumination micro light bulbs T1            silicon switching pad with 1,5 mm lift and 2 N            actuation force            lifetime &gt; 3 million cycles            24V DC            data sheet DNR 7119</p>	
815	<p>IKL1-102 RS422            R&amp;R Industrial keyboard            case mountable case            front plate aluminium anodized            (H x W x D ) 159,8 x 159,8 x 37 mm            layout 4x4 R&amp;R luminous-key LT1#key cap=30 x 20mm            key cap PC colorless UV-stabilized            illumination 2 colour LED            silicon switching pad with 1,5 mm lift and 2 N            actuation force            lifetime &gt; 3 million cycles            24V DC            data sheet DNR 8569</p>	

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Art.-Nr	Bezeichnung	Bild
1013	IKL1-104 Profibus DP OR&R Industrial keyboard case mountable case front plate aluminium anodized (H x W x D ) 368 x 154 x 60 mm layout 4x8 LT1 R&R luminous-key LT1 key cap=30 x 20mm key cap PC colorless, UV-stabilized illumination 4 x 2color LED silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC place for 2 times 22 mm switches data sheet DNR 9716	
1014	IKL1-104 Profibus DP OR&R Industrial keyboard case mountable case front plate aluminium anodized (H x W x D ) 228 x 154 x 60 mm layout 4x8 LT1 R&R luminous-key LT1 key cap=30 x 20mm key cap PC colorless, UV-stabilized illumination 4 x 2color LED silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC place for 2 times 22 mm switches data sheet DNR 9727	
1745	IKL1-200 LED 3mm RS232C OR&R Industrial keyboard case mountable case front plate aluminium elox (H x W x D ) 600 x 350 x 42 mm layout 12x16 R&R LT1 luminous-key LT1 key cap=30 x 20mm key cap PC colorless, red, yellow or green UV-stabilized illumination LED 3 mm red/green silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 7695	
666	IKL1-200 RS485 OR&R Industrial keyboard case mountable case front plate aluminium elox (H x W x D ) 600 x 350 x 42 mm layout 12x16 R&R LT1 luminous-key LT1 key cap=30 x 20mm key cap PC colorless, red, yellow or green UV-stabilized illumination micro light bulbs T1 silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 7695	



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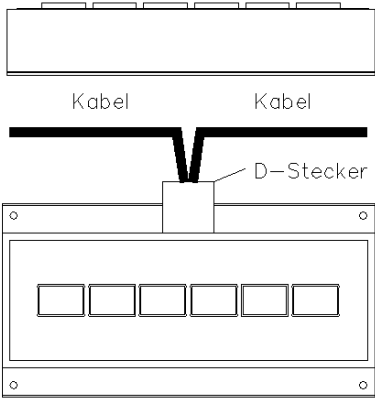

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Art.-Nr	Bezeichnung	Bild
682	IKL1-3x12 RS232C R&R Industrial keyboard front plate aluminium elox sealing frame PE black (H x W x D ) 88,1 x 483 x 40 mm layout 3x12 LT1 illuminated key LT1 key cap=30 x 20mm key cap PC colorless, red, yellow or green UV-stabilized illumination micro light bulbs T1 silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 7782	
1670	IKL1-3x12 RS422 R&R Industrial keyboard front plate aluminium elox sealing frame PE black (H x W x D ) 88,1 x 483 x 40 mm layout 3x12 LT1 illuminated key LT1 key cap=30 x 20mm key cap PC colorless, red, yellow or green UV-stabilized illumination micro light bulbs T1 silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 7782	
1799	IKL1-3x12-2 RS232C R&R Industrial keyboard front plate aluminium elox sealing frame PE black (H x W x D ) 108,1 x 483 x 40 mm layout 3x12 LT1 illuminated key LT1 key cap=30 x 20mm key cap PC colorless, red, yellow or green UV-stabilized illumination micro light bulbs T1 silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 7782	
1671	IKL1-3x12 RS422T R&R Industrial keyboard front plate aluminium elox sealing frame PE black (H x W x D ) 88,1 x 483 x 40 mm layout 3x12 LT1 illuminated key LT1 key cap=30 x 20mm key cap PC colorless, red, yellow or green UV-stabilized illumination micro light bulbs T1 silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 7782	



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Art.-Nr	Bezeichnung	Bild
1628	IKL1-4x12 RS422 R&R Industrial keyboard front plate aluminium elox sealing frame PE black (H x W x D ) 132,2 x 483 x 40 mm layout 4x12 LT1 illuminated key LT1 key cap=30 x 20mm key cap PC colorless, red, yellow or green UV-stabilized illumination micro light bulbs T1 silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 12152	
1672	IKL1-4x12 RS422 R&R Industrial keyboard front plate aluminium elox sealing frame PE black (H x W x D ) 132,2 x 483 x 40 mm layout 4x12 LT1 illuminated key LT1 key cap=30 x 20mm key cap PC colorless, red, yellow or green UV-stabilized illumination micro light bulbs T1 silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 12152	
785	IKL1-6x1 RS422 R&R Industrial keyboard housing St laquered front front plate aluminium anodized (H x W x D ) 132 x 256x 45 mm layout 6x1 LT1 illuminated key LT1 key cap=30 x 20mm key cap PC red UV-stabilized illumination LED red silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC 35 mA data sheet DNR 8339	
469	IKL2-12 R&R industrial keyboard mount case (W x H x D) 86 x 110 x 42 mm 4 x 3 vandal-proof R&R illuminated keys LT2 lift 1.5 mm, actuation force 2 N matrix 2 x 6 diode decoupled micro light bulbs T1 28V weight appr. 0.5 kg protection class IP 6 5 front side data sheet DNR 6797	

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Art.-Nr	Bezeichnung	Bild
470	<p>IKL2-12A</p> <p>R&amp;R industrial keyboard            front plate stainless steel V4A            (W x H x D) 120 x 120 x 42 mm            4 x 3 vandal-proof R&amp;R illuminated keys LT2            lift 1.5 mm, actuation force 2 N            matrix 2 x 6 diode decoupled            micro light bulbs T1 28V            weight appr. 0.5 kg            protection class IP 6 5 front side            data sheet DNR 6800</p>	
478	<p>IKL2-12B</p> <p>R&amp;R industrial keyboard            front plate Al            (W x H x D) 120 x 120 x 42 mm            4 x 3 vandal-proof R&amp;R illuminated keys LT2            lift 1.5 mm, actuation force 2 N            matrix 2 x 6 diode decoupled            micro light bulbs T1 28V            weight appr. 0.5 kg            protection class IP 6 5 front side            data sheet DNR 6848</p>	
603	<p>IKL4-100 RS422</p> <p>OR&amp;R Industrial keyboard            case mountable case            sealing frame PE black            (H x W x D) 95,2 x 192 x 35 mm            layout 4x8 LT4 LT2-luminous-keys            key cap PC colorless, red, yellow or green            UV-stabilized            illumination micro light bulbs T1            silicon switching pad with 1,5 mm lift and 2 N            actuation force            lifetime &gt; 3 million cycles            24V DC            data sheet DNR 7476</p>	
604	<p>IKL4-101 RS422</p> <p>R&amp;R Industrial keyboard            case mountable case            sealing frame PE black            (H x W x D) 171,4 x 192 x 35 mm            layout 8x8 LT4 LT2-luminous-keys            key cap PC colorless, red, yellow or green            UV-stabilized            illumination micro light bulbs T1            silicon switching pad with 1,5 mm lift and 2 N            actuation force            lifetime &gt; 3 million cycles            24V DC            data sheet DNR 7477</p>	

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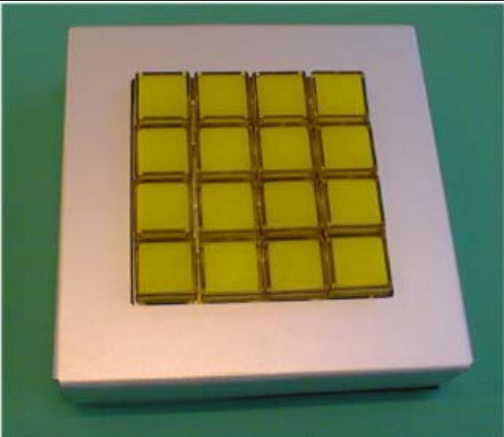
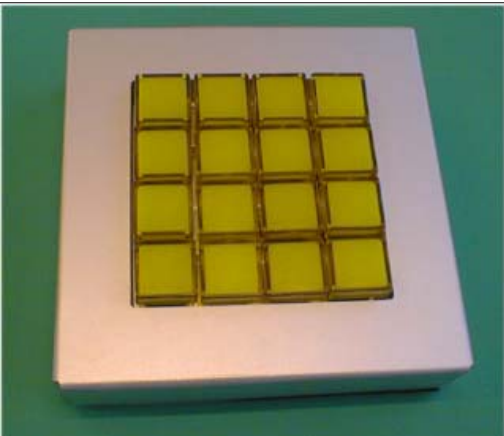
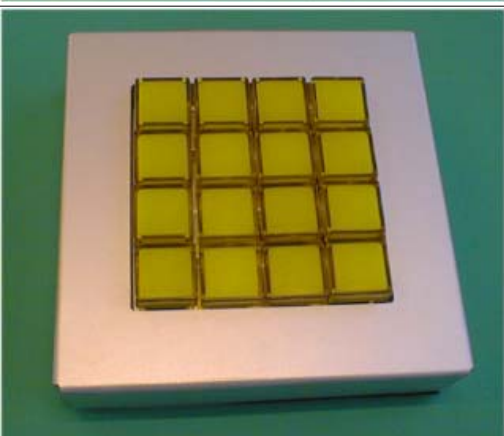
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Art.-Nr	Bezeichnung	Bild
1298	IKL4-102 Profibus OR&R Industrial keyboard case mountable case sealing frame PE black (H x W x D) 76,2 x 173,4 x 40 mm layout 4x8 LT4-luminous-keys key cap PC colorless, red, yellow or green UV-stabilized illumination micro light bulbs T1 silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 7512	
641	IKL4-102 RS422 OR&R Industrial keyboard case mountable case sealing frame PE black (H x W x D) 76,2 x 173,4 x 40 mm layout 4x8 LT4-luminous-keys key cap PC colorless, red, yellow or green UV-stabilized illumination micro light bulbs T1 silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 7512	
642	IKL4-103 RS422 OR&R Industrial keyboard case mountable case sealing frame PE black (H x W x D) 96,2 x 152,4 x 40 mm layout 4x8 LT4-luminous-keys key cap PC colorless, red, yellow or green UV-stabilized illumination micro light bulbs T1 silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 7515	
1701	IKL4-104A R&R Industrial keyboard case mountable (H x W x D) 96,2 x 76,2 x 40 mm layout 4x4 LT4-lighted-keys key cap PC colorless, red, yellow or green UV-stabilized illumination micro light bulbs T1 silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC interfaces: one common pin, one pin for every lamp or key (24V/10mA) data sheet DNR 7777	




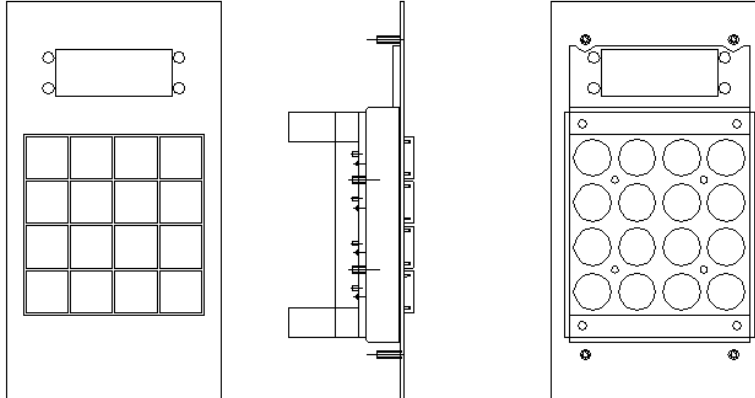
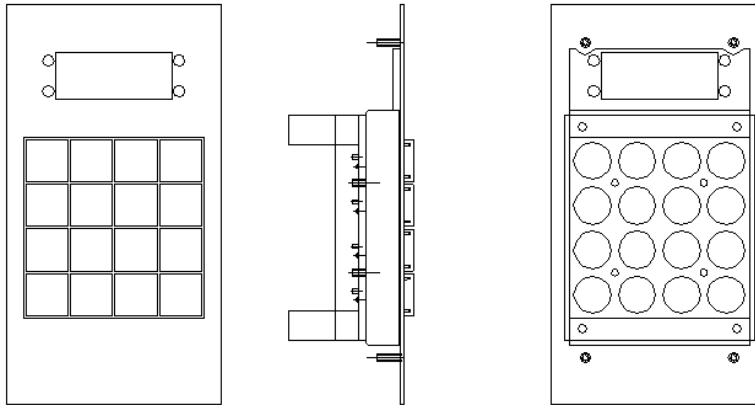

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Art.-Nr	Bezeichnung	Bild
681	<p>IKL4-104            R&amp;R Industrial keyboard            case mountable            (H x W x D ) 96,2 x 76,2 x 40 mm            layout 4x4 LT4-lighted-keys            key cap PC colorless, red, yellow or green            UV-stabilized            illumination micro light bulbs T1            silicon switching pad with 1,5 mm lift and 2 N            actuation force            lifetime &gt; 3 million cycles            24V DC            interfaces: one common pin, one pin for every            lamp or key (24V/100mA)            data sheet DNR 7777</p>	
814	<p>IKL4-105 LED yellow            R&amp;R Industrial keyboard            desktop case Aluminium anodized, PE black            (H x W x D ) 121,2 x 121,2 x 35 mm            layout 4x4 LT4-lighted-keys            key cap PC colorless, red, yellow or green            UV-stabilized            illumination LED with resistor for 24 V/DC            silicon switching pad with 1,5 mm lift and 2 N            actuation force            30V / 10 mA            lifetime &gt; 3 million cycles            interfaces: one common pin, one pin for every            lamp or key            D-SUB male plug 37 pins            data sheet DNR 8531</p>	
800	<p>IKL4-105 without micro bulbs            R&amp;R Industrial keyboard            desktop case Aluminium anodized, PE black            (H x W x D ) 121,2 x 121,2 x 35 mm            layout 4x4 LT4-lighted-keys            key cap PC colorless, red, yellow or green            UV-stabilized            silicon switching pad with 1,5 mm lift and 2 N            actuation force, 30V / 10mA            lifetime &gt; 3 million cycles            interfaces: one common pin, one pin for every            lamp or key            D-SUB male plug 37 pins            data sheet DNR 8531</p>	
799	<p>IKL4-105            R&amp;R Industrial keyboard            desktop case Aluminium anodized, PE black            (H x W x D ) 121,2 x 121,2 x 35 mm            layout 4x4 LT4-lighted-keys            key cap PC colorless, red, yellow or green            UV-stabilized            illumination micro light bulbs T1            silicon switching pad with 1,5 mm lift and 2 N            actuation force            30V / 10 mA            lifetime &gt; 3 million cycles            interfaces: one common pin, one pin for every            lamp or key            D-SUB male plug 37 pins            data sheet DNR 8531</p>	

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Art.-Nr	Bezeichnung	Bild
807	<p>IKL4-106            R&amp;R Industrial keyboard            desktop case Aluminium anodized            (H x W x D ) 132 x 112 x 62 mm            layout 4x4 LT4-lighted-keys            key cap PC colorless, red, yellow or green            UV-stabilized            illumination micro light bulbs T1            silicon switching pad with 1,5 mm lift and 2 N            actuation force            30V / 10 mA            lifetime &gt; 3 million cycles            interfaces: one common pin, one pin for every            lamp or key            Keys: SUB-D female plug 25 pins            lamps: SUB-D male plug 25 pins            data sheet DNR 8578</p>	
865	<p>IKL4-107 illuminated            R&amp;R Industrial keyboard            front panel Aluminium anodized black            (H x W x D ) 171 x 92 x 28 mm            layout 4x4 LT4-lighted-keys            key cap PC colorless, red, yellow or green            UV-stabilized            illumination micro light bulbs T1            silicon switching pad with 1,5 mm lift and 2 N            actuation force            30V / 10 mA            lifetime &gt; 3 million cycles            interfaces: one common pin, one pin for every            lamp or key            D-SUB 25 pins male and female            data sheet DNR 8895</p>	
866	<p>IKL4-107            R&amp;R Industrial keyboard            front panel Aluminium anodized black            (H x W x D ) 171 x 92 x 28 mm            layout 4x4 LT4-keys            key cap PC colorless, red, yellow or green            UV-stabilized            silicon switching pad with 1,5 mm lift and 2 N            actuation force            30V / 10 mA            lifetime &gt; 3 million cycles            interfaces: one common pin, one pin for every key            D-SUB 25 pins male            data sheet DNR 8895</p>	
1686	<p>IKL4-108 RS422            OR&amp;R Industrial keyboard            case mountable case            sealing frame PE black            (H x W x D ) 76,2 x 173,4 x 40 mm            layout 4x8 LT4-luminous-keys            key cap PC colorless UV-stabilized            illumination LED 3 mm red            silicon switching pad with 1,5 mm lift and 2 N            actuation force            lifetime &gt; 3 million cycles            24V DC            data sheet DNR 9578</p>	

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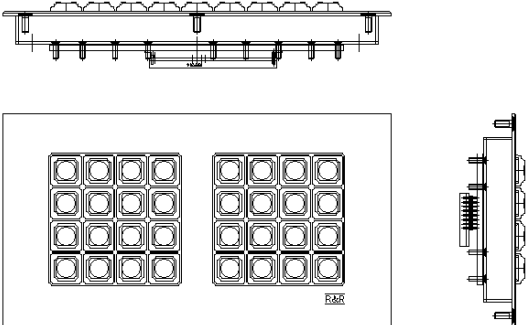
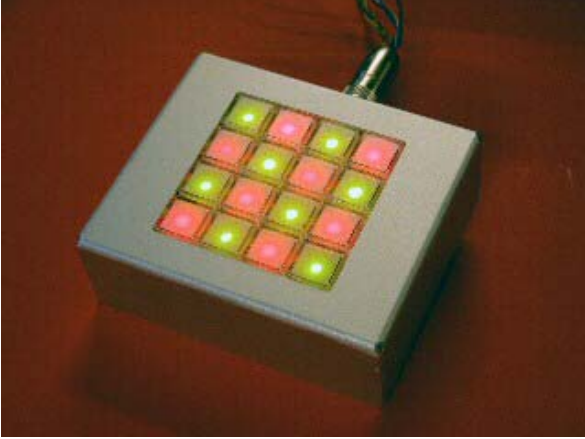
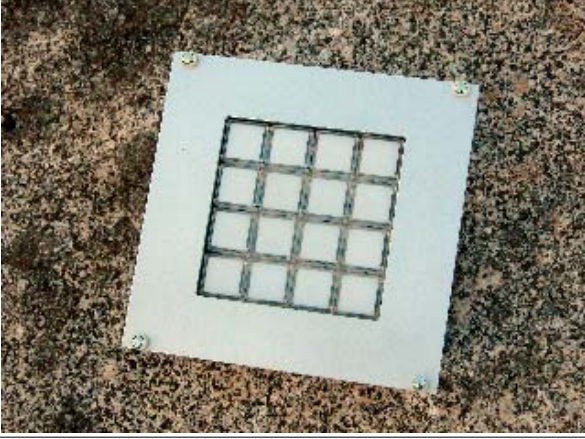
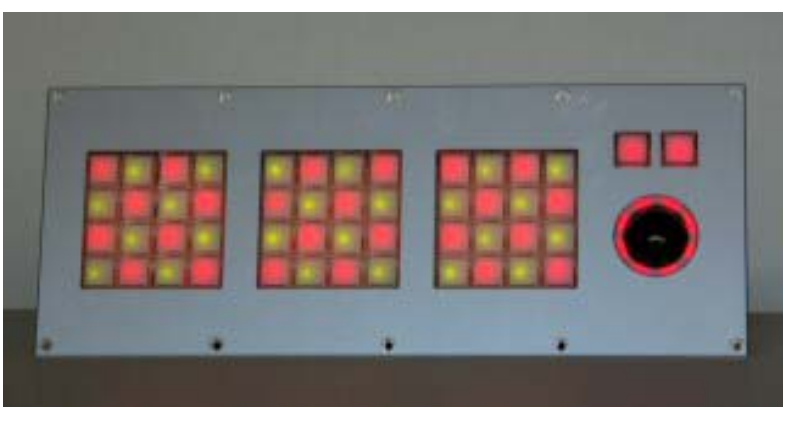
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Art.-Nr	Bezeichnung	Bild
1687	IKL4-109 red RS422 OR&R Industrial keyboard case mountable case sealing frame PE black (H x W x D ) 96,2 x 152,4 x 40 mm layout 4x8 LT4-luminous-keys key cap PC colorless UV-stabilized illumination LED 3 mm red silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 9579	
1008	IKL4-110 RS422 OR&R Industrial keyboard case mountable case sealing frame PE black (H x W x D ) 76,2 x 173,4 x 40 mm layout 4x8 LT4 luminous-keys key cap PC colorless UV stabilized illumination 3 mm LED red/green silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 9707	
1299	IKL4-111 Profibus OR&R Industrial keyboard case mountable case sealing frame PE black (H x W x D ) 76,2 x 173,4 x 40 mm layout 4x8 LT4-luminous-keys key cap PC colorless, red, yellow or green UV-stabilized illumination micro light bulbs T1 silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles 24V DC data sheet DNR 10585	
1454	IKL4-112 Profibus Leuchttastatur Gehäuse Aluminium eloxiert ca. 284 x 244 x 43 mm 8x5 (max. 8x6) Leuchttasten LT4 Beleuchtung LED 3 mm, rot, gelb, grün Layout DNR 11356, Datenblatt 11934	



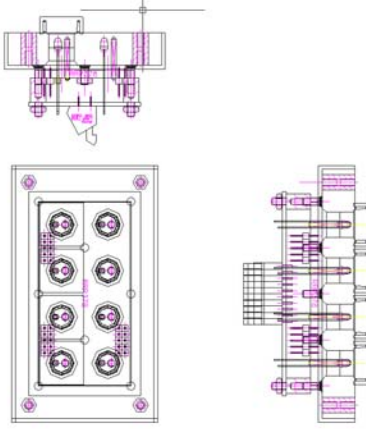
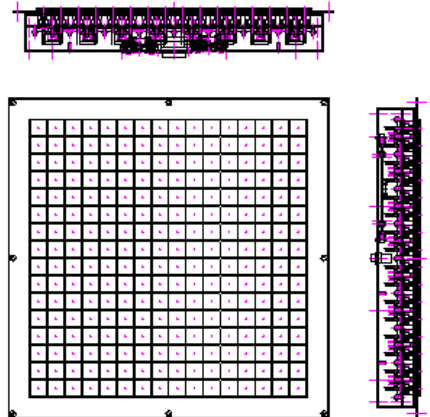
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Art.-Nr	Bezeichnung	Bild
1465	IKL4-113 PS/2 0R&R Industrial keyboard case mountable case (H x W x D ) 124 x 126 x 40 mm layout 2x 4x4 LT4 luminous-keys with fingertip key cap PC colorless, UV-stabilized illumination 3 mm LED silicon switching pad with 1,5 mm lift and 2 N actuation force lifetime > 3 million cycles  data sheet DNR 10393	
1688	IKL4-114 vernetzbare R&R Leuchttastatur Pult-Gehäuse Aluminium eloxiert ca. 130 x120 x 45 mm 4x4 Leuchttasten LT4, Alarm-Summer Beleuchtung LED 3 mm, rot, gelb, grün Schnittstelle: RS232C, RS422 Datenblatt DNR 12405	
1689	IKL4-115 vernetzbare R&R Leuchttastatur Gehäuse Aluminium eloxiert ca. 131,8 (30 TE) x128,5 (3HE) x 45 mm 4x4 Leuchttasten LT4 Beleuchtung LED 3 mm, rot, gelb, grün Schnittstelle: RS232C, RS422 Datenblatt DNR 12406	
1696	IKL4-116 RS232C(RS422)/PS2  R&R Industrial keyboard with integrated 38 mm tracking ball front plate al anodized (W x H x D) 360 x 174 x 45 mm 48 patented R&R-keys key cap LT4 illumination red/green led 3mm silicon key DNR 11001 lift 1.5 mm, actuation force 1 N lifetime > 3 million cycles watchdog, cable 3 m protection class IP 6 5 back side IP 5 4 trackball protection class IP 65 data sheet 12451	


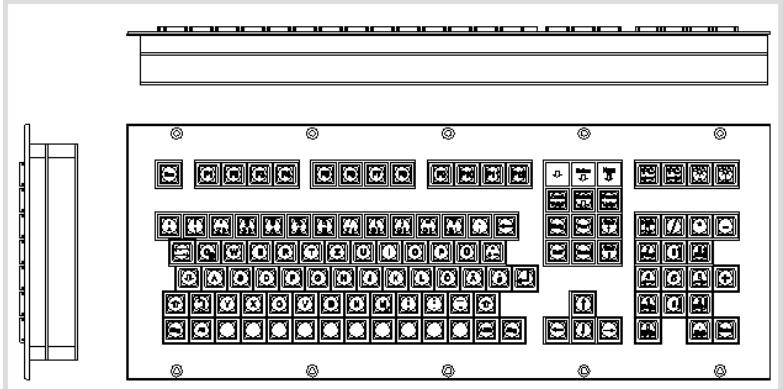
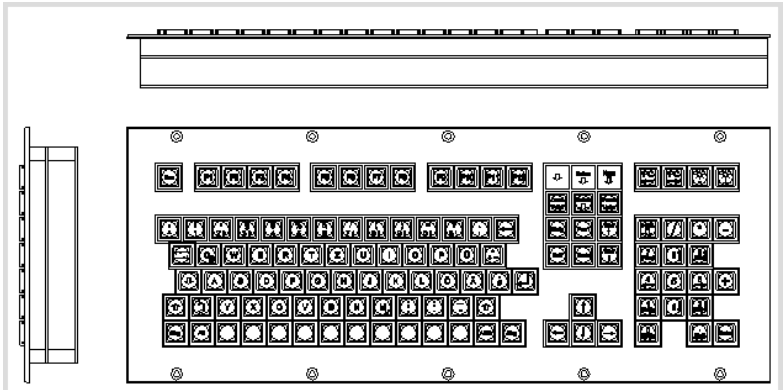
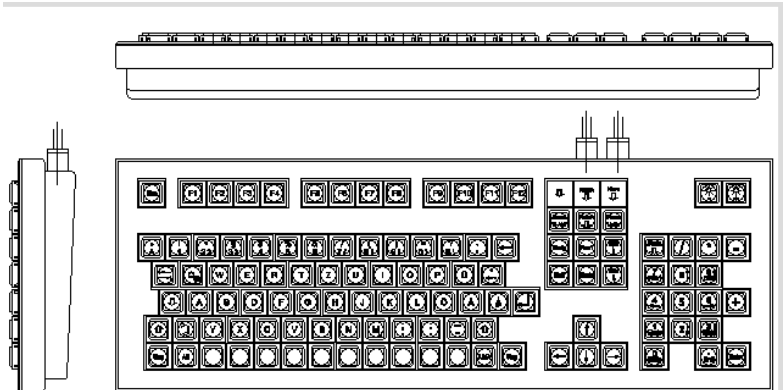
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Art.-Nr	Bezeichnung	Bild
1702	<p>IKL4-117            R&amp;R Industrial keyboard            case mountable            (H x W x D ) 106 x 60 x 47 mm            layout 4x4 LT4-lighted-keys            key cap PC colorless, red, yellow, green            UV-stabilized            illumination LED 3mm yellow, white, red, green            silicon switching pad with 1,5 mm lift and 2 N            actuation force            lifetime &gt; 3 million cycles            24V DC            interfaces: one common pin, one pin for every            lamp or key (24V/10mA)            data sheet DNR 12498</p>	
1746	<p>IKL4-119 LED 3mm RS232C/RS422            OR&amp;R Industrial keyboard            mountable case            front plate aluminium anodized            (H x W x D ) 352 x 352 x 45 mm            layout 16x16 R&amp;R LT4 luminous-key            LT4 key cap=18 x 18mm            key cap PC colorless UV-stabilized            illumination LED 3 mm red/green            silicon switching pad with 1,5 mm lift and 1 N            actuation force            lifetime &gt; 3 million cycles            24V DC            data sheet DNR 12917</p>	
1668	<p>IKL4-3 1N LED rot            Tastaturmodul für TR123-2, incl. Kabel            DNR 8766</p>	
1541	<p>IKL4-318 PS2            R&amp;R Industrial keyboard            with integrated 38 mm tracking ball            front plate al anodized            (W x H x D) 321 x 144 x 40 mm            64 patented R&amp;R-keys key cap LT4            illumination red led 3mm            silicon key DNR 11001            lift 1.5 mm, actuation force 1 N            lifetime &gt; 3 million cycles            watchdog, cable 3 m            protection class IP 6 5            data sheet 11518</p>	

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Art.-Nr	Bezeichnung	Bild
1512	<p>IKL4-318-T4 PS2/PS2</p> <p>R&amp;R Industrial keyboard            with integrated 38 mm tracking ball            front plate al anodized            (W x H x D) 398 x 140 x 45 mm            64 patented R&amp;R-keys key cap LT4            illumination red led 3mm            silicon key DNR 11001            lift 1.5 mm, actuation force 1 N            lifetime &gt; 3 million cycles            watchdog, cable 3 m            protection class IP 6 5            back side IP 5 4            trackball protection class IP 65            data sheet 11518</p>	
836	<p>IKL4W95 2xPS2</p> <p>Einbauleuchttastatur            (BxHxT) ca. 474 x 188,3 x 40 mm            Tastenanordnung ähnlich WIN95            beleuchtete LT4 Tasten            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Millionen Schaltzyklen            Betätigungskraft 1 N            1.5 mm Hub            Schnittstellen:            1 x PS2 Tastatur            1 x PS2 Maus            1x Trackball mit Impulsausgang und Leuchttastern            Stromversorgung 24V DC, 0.3A            Datenblatt DNR 7924</p>	
708	<p>IKL4W95 4xPS2</p> <p>Einbauleuchttastatur            (BxHxT) ca. 474 x 188,3 x 40 mm            Tastenanordnung ähnlich WIN95            beleuchtete LT4 Tasten            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Millionen Schaltzyklen            Betätigungskraft 2 N            1.5 mm Hub            2 x PS2 Tastatur            2 x PS2 Maus            alle Kanäle sind voll bootfähige            umschaltbar zwischen 2 Workstations            Anschluß für Trackball mit Impulsausgang und            Leuchttastern            Datenblatt DNR 7924</p>	
1523	<p>IKL4W95-1 PS2 blau</p> <p>Pulttastatur im Nachtdesign            Frontplatte AlMg3 hart eloxiert            (BxHxT) ca. 460 x 162 x 40 mm            Tastenanordnung ähnlich WIN95            beleuchtete LT4 Tasten (LED rot)            Kappe mit Fingermulde            LED-Beleuchtung, blau dimmbar            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 1,2 N            1.5 mm Hub            1 x PS2 Tastatur            Stromversorgung 24 V DC            Datenblatt DNR 8594</p>	



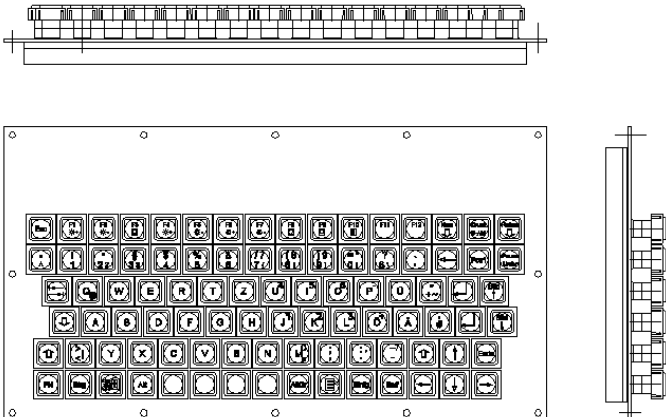
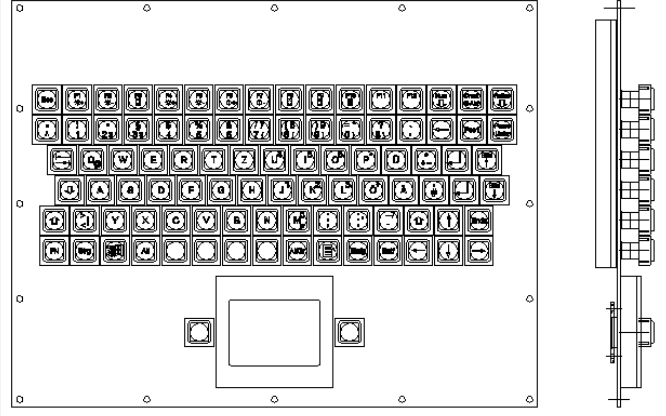

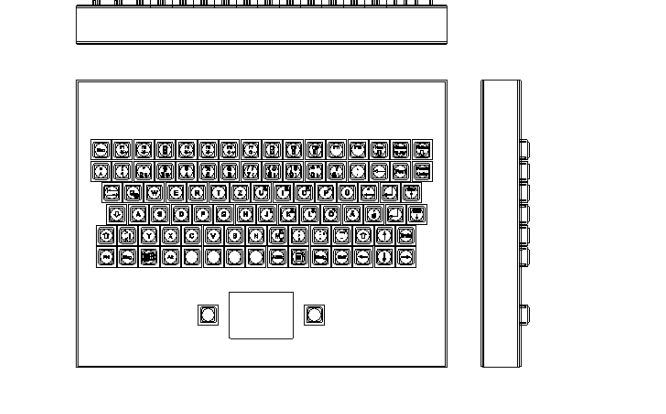
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Art.-Nr	Bezeichnung	Bild
813	<p>IKL4W95-1 PS2 rot</p> <p>Pulttastatur im Nachtdesign            Frontplatte AlMg3 hart eloxiert            (BxHxT) ca. 460 x 162 x 40 mm            Tastenanordnung ähnlich WIN95            beleuchtete LT4 Tasten (LED rot)            Kappe mit Fingermulde            LED-Beleuchtung, rot dimmbar            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 1,2 N            1.5 mm Hub            1 x PS2 Tastatur            Stromversorgung 24 V DC            Datenblatt DNR 8594</p>	
838	<p>IKL4W95L PS2</p> <p>Laptoptastatur im Nachtdesign            (BxHxT) ca. 330 x 150 x 37,5 mm            Tastenanordnung modifiziertes WIN95            93 beleuchtete LT4 Tasten (LED rot)            Kappe mit Fingermulde            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 2 N            1.5 mm Hub            Schnittstelle PS2/AT            Stromversorgung 24 V DC            Datenblatt DNR 8777</p>	
1515	<p>IKL4W95L-T PS2</p> <p>Laptoptastatur            (BxHxT) ca. 150 x 400 x 40 mm            Tastenanordnung modifiziertes WIN95            93 LT4 Tasten            Kappe mit Fingermulde            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 1N            1.5 mm Hub            Schnittstelle PS2/PS2            Rollkugel 30mm            Schutzart IP65 rundum            Datenblatt DNR 11530</p>	
1514	<p>IKL4W95LE-T1 LED PS2</p> <p>Laptopeinbautastatur im Nachtdesign            (BxHxT) ca. mm            Frontplatte Aluminium eloxiert            Tastenanordnung modifiziertes WIN95            93 beleuchtete LT4 Tasten (LED rot)            Kappe mit Fingermulde            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 1N            1.5 mm Hub            Schnittstelle PS2/PS2            Rollkugel 61.5 mm            Stromversorgung 24 V DC            Schnittstelle galvanisch getrennt            Datenblatt DNR 11528</p>	

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Art.-Nr	Bezeichnung	Bild
1516	<p>IKL4W95LE-T1 PS2</p> <p>Laptopeinbautastatur im Nachtdesign            (BxHxT) ca. mm            Frontplatte Aluminium eloxiert            Tastenanordnung modifiziertes WIN95            93 LT4 Tasten            Kappe mit Fingermulde            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 1N            1.5 mm Hub            Rollkugel 61.5 mm schwarz            Schnittstelle PS2/PS2            Stromversorgung über Schnittstelle            Schnittstelle galvanisch getrennt            Datenblatt DNR 11528</p>	
855	<p>IKL4W95LS-1</p> <p>Pulttastatur            Aluminium eloxiert            (BxHxT) ca. 330 x 256 x 43 mm            modifiziertes WIN95 Layout            LT4 Tasten            Kappe mit Fingermulde            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 2 N            1.5 mm Hub            PS2 Tastatur            PS2/RS232C Maus            Datenblatt DNR 8844</p>	
857	<p>IKL4W95LS-2</p> <p>Industrie-Tastatur            Aluminium eloxiert            (BxHxT) ca. 330 x 256 x 43 mm            modifiziertes WIN95 Layout            beleuchtete LT4 Tasten (LED rot)            Kappe mit Fingermulde            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 2 N            1.5 mm Hub            PS2 Tastatur            PS2/RS232C Maus            Datenblatt DNR 8859</p>	
854	<p>IKL4W95LS</p> <p>Pulttastatur            Aluminiumgehäuse grün pulverbeschichtet            (BxHxT) ca. 330 x 256 x 43 mm            modifiziertes WIN95 Layout            beleuchtete LT4 Tasten (LED rot)            Kappe mit Fingermulde            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 2 N            1.5 mm Hub            PS2 Tastatur            PS2/RS232C Maus            Stromversorgung 24 V DC            Datenblatt DNR 8842</p>	

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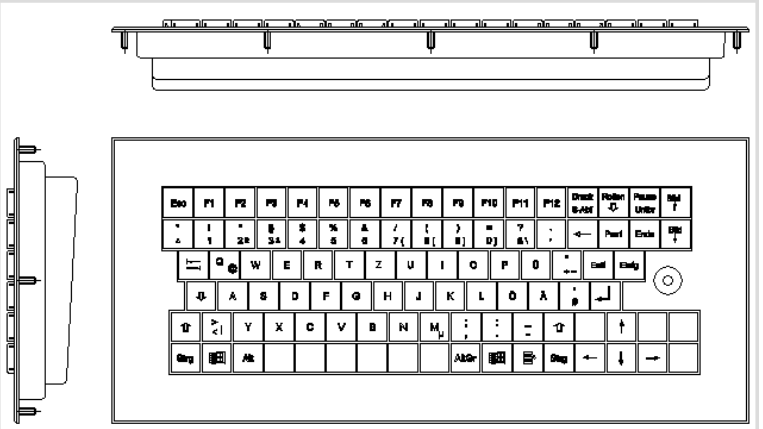
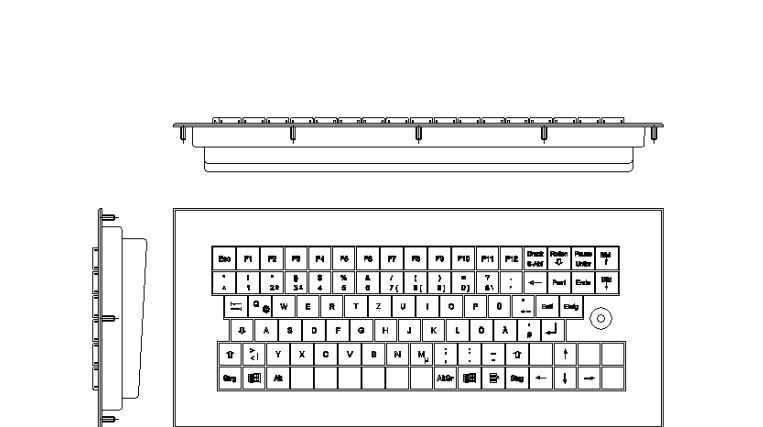
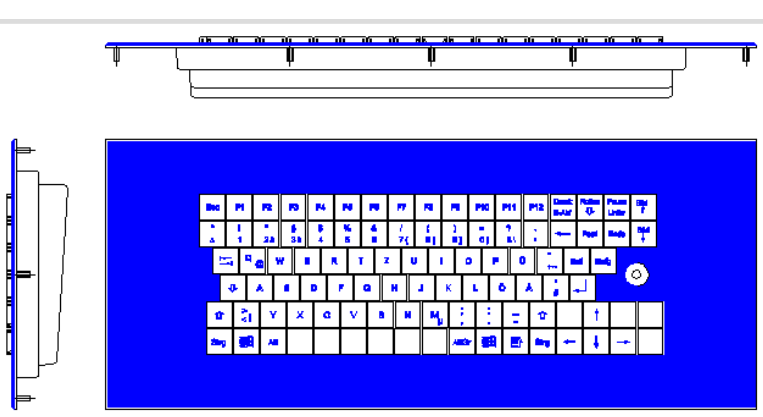
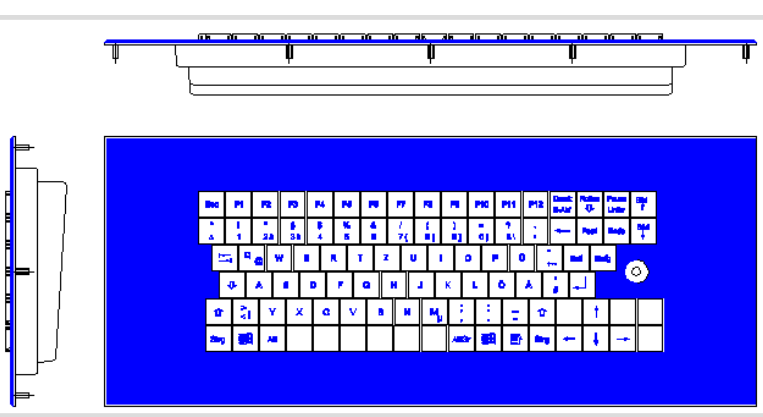
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Art.-Nr	Bezeichnung	Bild
837	<p>IKL4W95S 2xPS2</p> <p>Einbauleuchttastatur            (BxHxT) ca. 384 x 225 x 65 mm            Tastenanordnung ähnlich WIN95            beleuchtete LT4 Tasten            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Millionen Schaltzyklen            Betätigungskraft 2 N            1.5 mm Hub            Schnittstellen:            1 x PS2 Tastatur            1 x PS2 Maus            1 x Trackball mit Impulsausgang und            Leuchttastern            Datenblatt DNR 8775</p>	
834	<p>IKL4W95S2 4xPS2 + Video</p> <p>Einbauleuchttastatur            Frontplatte AlMg3 hart eloxiert            (BxHxT) ca. 384 x 225 x 65 mm            Tastenanordnung ähnlich WIN95            Layout bzw. Maßzeichnung siehe DNR 8755            beleuchtete LT4 Tasten (LED rot)            Kappe mit Fingermulde            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 2 N            1.5 mm Hub            2x PS2 Tastatur            2x PS2 Maus            alle Kanäle sind voll bootfähig            1x Trackball mit Impulsausgang + Leuchttastern            2xRGB IN, 1x RGB OUT            Stromversorgung 24 V DC            Datenblatt DNR 8759</p>	
835	<p>IKL4W95S3 4xPS2</p> <p>Einbauleuchttastatur            (BxHxT) ca. 384 x 225 x 65 mm            Tastenanordnung ähnlich WIN95            beleuchtete LT4 Tasten            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Millionen Schaltzyklen            Betätigungskraft 2 N            1.5 mm Hub            Schnittstellen:            2 x PS2 Tastatur            2 x PS2 Maus (TR103)            1 x Trackball mit Impulsausgang und            Leuchttastern            alle Kanäle sind voll bootfähig            Datenblatt DNR 8763</p>	





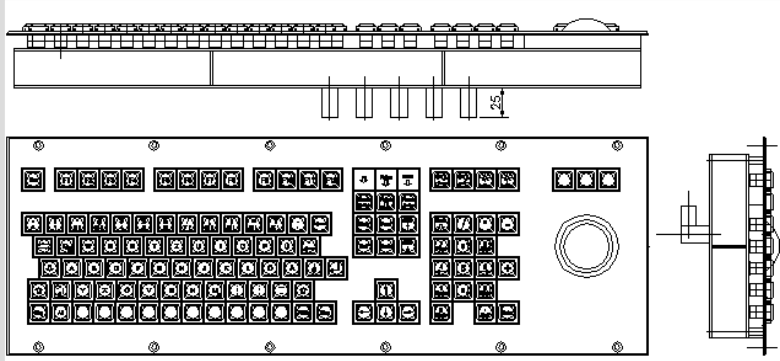
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Art.-Nr	Bezeichnung	Bild
741	<p>IKL4-W95SJE IP65 AT / RS232C German</p> <p>R&amp;R Industrial keyboard                      joystick with patented capacitive sensing                      front plate Al electrolytic oxidated                      (W x H x D) 390 x 176 x 36 mm                      107 patented R&amp;R-keys                      silicon switching pad                      lift 1,5 mm, actuation force 2 N                      lifetime &gt; 2 million cycles                      watchdog, cable 3 m                      protection class IP 6 5 all around                      data sheet DNR 8019</p>	
740	<p>IKL4-W95SJE IP65 PS2 / PS2 German</p> <p>R&amp;R Industrial keyboard                      joystick with patented capacitive sensing                      front plate Al electrolytic oxidated                      (W x H x D) 390 x 176 x 36 mm                      107 patented R&amp;R-keys                      silicon switching pad                      lift 1,5 mm, actuation force 2 N                      lifetime &gt; 2 million cycles                      watchdog, cable 3 m                      protection class IP 6 5 all around                      data sheet DNR 8019</p>	
743	<p>IKL4-W95SJE-1 IP65 PS2 / PS2 German</p> <p>R&amp;R Industrial keyboard                      joystick with patented capacitive sensing                      front plate Al blue laquered RAL 5017                      (W x H x D) 460 x 190 x 36 mm                      107 patented R&amp;R-keys                      silicon switching pad                      lift 1,5 mm, actuation force 2 N                      lifetime &gt; 2 million cycles                      watchdog, cable 3 m                      protection class IP 6 5 all around                      data sheet DNR 8017</p>	
742	<p>IKL4-W95SJE-1 IP65 PS2 / PS2 German</p> <p>R&amp;R Industrial keyboard                      joystick with patented capacitive sensing                      front plate Al blue laquered RAL 5017                      (W x H x D) 460 x 190 x 36 mm                      107 patented R&amp;R-keys                      silicon switching pad                      lift 1,5 mm, actuation force 2 N                      lifetime &gt; 2 million cycles                      watchdog, cable 3 m                      protection class IP 6 5 all around                      data sheet DNR 8017</p>	

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Ob der Eck 4 78148 Gütenbach Telefon (07723) 9186-0 Fax 9186-30  
 Kreissparkasse Tuttlingen (BLZ 64350070) 392  
 USt.-IdNr.: DE141907699




Art.-Nr	Bezeichnung	Bild
745	<p>IKL4W95T 4xPS2</p> <p>moutable keyboard            front panel ALMg3 anodizedt            (BxWxD) approx. 572 x 188,3 x 65 mm            layout WIN95            drawing DNR 8148            illuminated LT4 keys (LED red)            keycap for finger tips            dimmable            life time &gt; 2 million strokes            actuation force 2 N            lift 1.5 mm            2 channel version            2 x PS2 keyboard            2 x PS2 mouse            bootable            trackball 75 mm, white            power supply 24 V DC            data sheet DNR 8024</p>	
786	<p>IKL4W95T1 - Nightdesign -</p> <p>Einbau-Tastatur            Front ALMG3, dunkel hart eloxiert            (B x H X T) 554 x 188 x 70 mm            Layout ähnlich WIN 95            R&amp;RLeuchttasten LT4, LED rot oder gelb            &gt;2 Mio Schaltzyklen, Druckpunkt 2 N, Hub 1,5 mm            Tastatur I P 6 5 : PC AToder PS2            Trackball I P 5 4: RS232C oder PS2 Maus kompatibel            2 x M12x1 Stecker für Tastatur + Trackball, 1 x Buchse für Stromversorgung            Kugel-Durchmesser 50 mm, schwarz            Stromversorgung 24 V DC f. Beleuchtung            DNR 8358</p>	
1644	<p>IKL4W95T2 - 2xPS/2 Nightdesign -</p> <p>Einbau-Tastatur            Front ALMG3, dunkel hart eloxiert            (B x H X T) 554 x 188 x 70 mm            Layout ähnlich WIN 95            R&amp;RLeuchttasten LT4, LED rot            &gt;2 Mio Schaltzyklen, Druckpunkt 1 N, Hub 1,5 mm            Tastatur I P 6 5 : PC AToder PS2            Trackball IP 6 5:PS2 Maus kompatibel            2 x M12x1 Stecker für Tastatur + Trackball, 1 x Buchse für Stromversorgung            Kugel-Durchmesser 52 mm, schwarz            Stromversorgung 24 V DC f. Beleuchtung            DNR 8772</p>	

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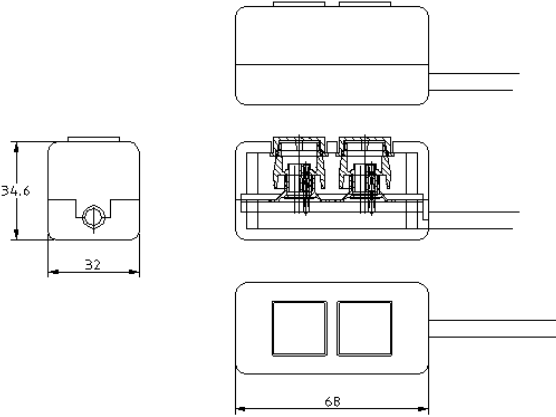
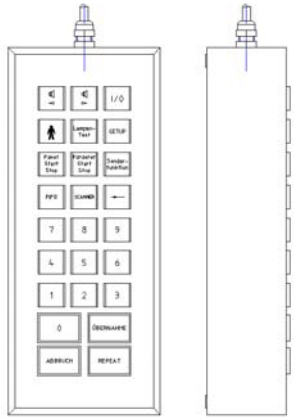
Art.-Nr	Bezeichnung	Bild
831	<p>IKL4W95T2 - 4xPS/2 Nightdesign -</p> <p>Einbau-Tastatur            Front ALMG3, dunkel hart eloxiert            (B x H x T) 554 x 188 x 70 mm            Layout ähnlich WIN 95            R&amp;R Leuchttasten LT4, LED rot            &gt;2 Mio Schaltzyklen, Druckpunkt 1 N, Hub 1,5 mm            Tastatur I P 6 5 : PC AT oder PS2            Trackball IP 6 5: PS2 Maus kompatibel            4 x M12x1 Stecker für Tastatur + Trackball, 1 x            Buchse für Stromversorgung            Kugel-Durchmesser 52.4 mm, schwarz            Stromversorgung 24 V DC f. Beleuchtung            DNR 8772</p>	
1218	<p>IKL4W95T3 4 x PS2</p> <p>mountable housing            front panel ALMG3 anodized            (BxHxT) ca. 572 x 188,3 x 65 mm            layout WIN95            drawing DNR 10247            illuminated LT4 keys (LED red)            key cap            dimmable            life time &gt; 2E6 key strokes            actuation force 1 N            lift 1.5 mm            2 x PS2 keyboard            2 x PS2 mouse            all channels bootable            trackball 52.5 mm            power supply 24 V DC isolated (cable 2.5 m l)            data sheet DNR 10276</p>	
1219	<p>IKL4W95T4-DE 4 x PS2</p> <p>Einbauleuchttastatur            Frontplatte ALMG3 hart eloxiert            (BxHxT) ca. 572 x 188,3 x 65 mm            Tastenanordnung ähnlich WIN95            Layout bzw. Maßzeichnung siehe DNR 10290            beleuchtete LT4 Tasten (LED rot)            Kappe mit Fingermulde            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 2 N            1.5 mm Hub            2 x PS2 Tastatur            2 x PS2 Maus            alle Kanäle voll bootfähig            umschaltbar zwischen 2 workstations            Rollkugel 61,5 mm, schwarz            Stromversorgung 24 V DC            galvanisch getrennt            DNR 10303</p>	



Art.-Nr	Bezeichnung	Bild
1641	<p>IKL4W95T4-DE 4 x PS2</p> <p>Einbauleuchttastatur            Frontplatte AlMg3 hart eloxiert            (BxHxT) ca. 572 x 188,3 x 65 mm            Tastenanordnung ähnlich WIN95            Layout bzw. Maßzeichnung siehe DNR 10290            beleuchtete LT4 Tasten (LED rot)            Kappe mit Fingermulde            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 2 N            1.5 mm Hub            2 x PS2 Tastatur            2 x PS2 Maus            alle Kanäle voll bootfähig            umschaltbar zwischen 2 workstations            Rollkugel 61,5 mm, weiß            Stromversorgung 24 V DC            galvanisch getrennt            DNR 10303</p>	
1355	<p>IKL4W95T4-US 4 x PS2</p> <p>Einbauleuchttastatur            Frontplatte AlMg3 hart eloxiert            (BxHxT) ca. 572 x 188,3 x 65 mm            Tastenanordnung ähnlich WIN95            Layout bzw. Maßzeichnung siehe DNR 10290            beleuchtete LT4 Tasten (LED rot)            Kappe mit Fingermulde            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 2 N            1.5 mm Hub            2 x PS2 Tastatur            2 x PS2 Maus            alle Kanäle voll bootfähig            umschaltbar zwischen 2 workstations            Rollkugel 61,5 mm, weiß            Stromversorgung 24 V DC            DNR 10303</p>	
1444	<p>IKL4W95T6-DE</p> <p>Einbauleuchttastatur            Frontplatte AlMg3 hart eloxiert            (BxHxT) ca. 572 x 188,3 x 65 mm            Tastenanordnung ähnlich WIN95            Layout bzw. Maßzeichnung siehe DNR 10290            beleuchtete LT4 Tasten (LED rot)            Kappe farblos mit Fingermulde            LED-Beleuchtung, dimmbar            Lebensdauer &gt; 2 Mio. Schaltzyklen            Betätigungskraft 1 N            1.5 mm Hub            1 x PS2 Tastatur            1 x PS2 Maus            Rollkugel 61,5 mm, weiß            Stromversorgung 24 V DC galvanisch getrennt            DNR 11219</p>	

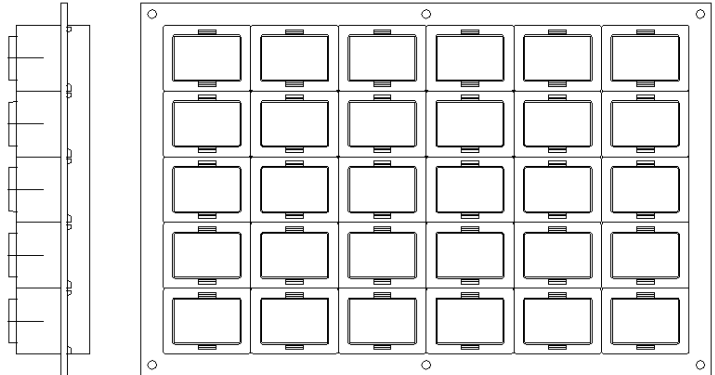
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1617	<p>IKL4W95T6-US 2 x PS2 isolated</p> <p>illuminate keyboard            mountable case            front plate AlMg3 anodized            (WxHxD) approx. 572 x 188,3 x 65 mm            layout similar to WIN95            layout details see drawing DNR 10290            illuminated single key LT4 (LED red)            key cap with finger tip through            dimmer with 128 steps 0% up to 100%            life time &gt; 2 Mio. strokes            actuation force 1 N            travel 1.5 mm            interfaces: 1 x PS2 keyboard            1 x PS2 mouse            ball diameter 61,5 mm, white            power supply 24 V DC            DNR 10303</p>	
416	<p>IKLM2x1 Industrial keyboard</p> <p>case plastic purewhite            (L x W x H) appr. 68 x 32 x 35 mm            2 keys type LT2            key cap PC            LED illumination            protection class IP 5 4            data sheet DNR 6513</p>	
192	<p>IKLM404 RS232C</p> <p>R&amp;R industrial keyboard            case steel lacquered            front and rear panel Al elox            (W x H x D) 115 x 60 x 80 mm            25 illuminatable R&amp;R keys type LT1 and LT2            16 keys with speech output            loudspeaker and microfon built-in            protection class IP 6 5            data sheet DNR 6175</p>	

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Art.-Nr	Bezeichnung	Bild
414	<p data-bbox="233 322 432 351">IKLM5x6 RS232C20</p> <p data-bbox="233 371 592 703">           R&amp;R illuminated keyboard            plastic case            case steel lacquered            front and rear panel Al anodized-            (W x H x D) appr. 260 x 170 x 40 mm            5x6 R&amp;R keys type LT1            key caps PC red            illumination LED red            1 LED out of 30 selectable            8-bit microcontroller with watchdog            interface RS232C            protection class IP 40, rear side open            data sheet DNR 6473         </p>	 <p>The image contains two technical drawings of the keyboard. On the left is a side profile view showing the keyboard's thickness and the arrangement of keys. On the right is a top-down view of the keyboard's key matrix, which is a 5x6 grid of keys. Each key is represented by a rectangle with a small horizontal bar at the bottom, indicating the key's shape and the position of the LED. The entire grid is enclosed in a rectangular frame with four corner mounting holes.</p>