



XBT GT1100/1130



XBT GT2100/2220/2330



XBT GT4230 / 4300



XBT GT5300



XBT GT6300



XBT GT7340

### Monochrome touchscreen graphic terminals (1)

Type of screen	Number of ports	Application memory capacity	Compact Flash memory	Composite video input	Number of Ethernet ports	Reference	Weight kg
<b>Optimum, 3.8" screen</b>							
STN amber or red	1 COM1	8 MB	No	No	-	XBT GT1100	0.400
	1 mini-DIN				1	XBT GT1130	0.400
	1 COM1	32 MB	No	No	-	XBT GT1105	
	1 USB				1	XBT GT1135	
<b>Optimum, 5.7" screen</b>							
STN blue mode	1 COM1 1 COM2 1 USB	16 MB	Non	Non	-	XBT GT2110	1.000
<b>Multifunction, 5.7" screen</b>							
STN Black and white	1 COM1	16 MB	Yes	No	-	XBT GT2120	1.000
	1 COM2 1 USB				1	XBT GT2130	1.000

### Colour touchscreen graphic terminals (1)

Type of screen	Number of ports	Application memory capacity	Compact Flash memory	Composite video input	On-board Ethernet	Reference	Weight kg
<b>Optimum, 3.8" screen</b>							
TFT	1 COM1 1 USB	32 MB	No	No	1	XBT GT1335	1.000
<b>Multifunction, 5.7" screen</b>							
STN	1 COM1 1 COM2 1 USB	16 MB	Yes	No	-	XBT GT2220	1.000
TFT	1 COM1 1 COM2 1 USB	16 MB	Yes	No	1	XBT GT2330	1.000
<b>Multifunction, 7.5" screen</b>							
STN	1 COM1 1 COM2 1 USB	32 MB	Yes	No	1	XBT GT4230	1.800
TFT	1 COM1 1 COM2 1 USB	32 MB	Yes	No	1	XBT GT4330	1.800
				Yes	1	XBT GT4340	1.800
<b>Multifunction, 10.4" screen</b>							
STN	1 COM1 1 COM2 2 USB	32 MB	Yes	No	1	XBT GT5230	3.000
TFT	1 COM1 1 COM2 2 USB	32 MB	Yes	No	1	XBT GT5330	2.500
				Yes	1	XBT GT5340	2.500
<b>Multifunction, 12.1" screen</b>							
TFT	1 COM1 1 COM2 2 USB	32 MB	Yes	No	1	XBT GT6330	3.000
				Yes	1	XBT GT6340	3.000
<b>Multifunction, 15" screen</b>							
TFT	1 COM1 1 COM2 2 USB	32 MB	Yes	Yes	1	XBT GT7340	5.600

(1) Fixing kit (screw clamps), USB connectors locking device (except XBT GT 1100) and service instructions included with terminals. XBT GT setting-up documentation, in electronic format, is included with Vijeo Designer configuration software, see page 36349/11.



XBT GK2120/2330



XBT GK5330



XBT GTW450



XBT GTW750

### Keypad/touchscreen monochrome graphic terminals (1)

Type of screen	Number of ports	Application memory capacity	Compact Flash memory	Video input	Number of Ethernet ports	Reference	Weight kg
<b>Multifunction, 5.7" screen</b>							
STN Black and white	1 COM1 1 COM2 1 USB	32 MB	Yes	No	-	XBT GK2120	-
<b>Multifunction, 5.7" screen</b>							
TFT Colour mode	1 COM1 1 COM2 1 USB	32 MB	Yes	No	1	XBT GK2330	-
<b>Multifunction, 10.4" screen</b>							
TFT Colour mode	1 COM1 1 COM2 2 USB	32 MB	Yes	No	1	XBT GK5330	-

### Open graphic terminals with touchscreen (2)

Type of screen	Number of ports	Application memory capacity	Compact Flash memory	Video input	Number of Ethernet ports	Reference	Weight kg
<b>Multifunction, 8.4" screen</b>							
TFT	1 COM1 1 COM2 4 USB	1 GB for system and application	Yes	No	2	XBT GTW450	-
<b>Multifunction, 15" screen</b>							
TFT	1 COM1 1 COM2 5 USB	1 GB for system and application	Yes	No	2	XBT GTW750	-

(1) Fixing kit (spring clips), USB connectors locking device, customisable legend sheets and service instructions included with terminals.

(2) Fixing kit (screw clamps), USB connectors locking device and service instructions included with terminals. XBT setting-up documentation, in electronic format, is included with Vijeo Designer configuration software, see page 36349/11.



XBT ZGM●●●

## Separate components

Description	Compatibility	Size	Reference	Weight kg
Compact Flash memory cards	All terminals XBT except XBT GT1●●●/GT2110	128 MB	XBT ZGM128	0.050
		256 MB	XBT ZGM256	0.050
		512 MB	MPC YN0 0CFE 00N	0.050
		1 GB	MPC YN0 0CF1 00N	–
Protective sheets (5 peel off sheets)	XBT GT1105/GT1135/GT1335	–	XBT ZG60	–
	XBT GT1100/GT1130	–	XBT ZG61	–
	XBT GT21●0/GT2220/GT2330	–	XBT ZG62	0.200
	XBT GT4230/GT43●0	–	XBT ZG64	0.200
	XBT GT53●0	–	XBT ZG65	0.200
	XBT GT5230/GT63●0	–	XBT ZG66	0.200
	XBT GK 2●●0	–	XBT ZG68	–
	XBT GK 5330	–	XBT ZG69	–
	XBT GT7340/XBT GTW750	–	MPC YK5 0SPS KIT	0.200
	XBT GTW450	–	MPC YK1 0SPS KIT	–
Spring fixing clips	All terminals XBT GT (number of spring clips depending on terminal)	Sold in lots of 12	XBT Z3002	–



XBT ZGCO●



XBT ZGUSB

Description	Details	Length	Reference	Weight kg
Mechanical adaptors for substituting previous version Magelis range terminals	From XBT F032●10 to XBT GT2●●0	–	XBT ZGCO1	–
	From XBT G2110 to XBT GT2●●0	–	XBT ZGCO2	–
	From XBT F034●●● to XBT GT53●0	–	XBT ZGCO3	–
	From XBT G5330 to XBT GT5330	–	XBT ZGCO4	–
Remote USB port for terminals XBT GT2●●0...GT7340 GT1●●5, GK●●●, GTW●●●	Enables remote location of USB port on rear panel of terminal XBT, either on panel or enclosure door (Ø 21 mm fixing device)	1 m	XBT ZGUSB	–
Adaptor for Compact Flash cards	Enables a PC with a PCMCIA card format slot to be adapted to accept a Compact Flash card	–	XBT ZGADT	0.050

## Spare parts

Description	For use with	Reference	Weight kg
Seals	XBT GT1100/GT1130/GT1105/GT1135/GT1335	XBT ZG51	0.030
	XBT GT21●0/GT2220/GT2330	XBT ZG52	0.030
	XBT GT4230/GT43●0	XBT ZG54	0.030
	XBT GT53●0	XBT ZG55	0.030
	XBT GT5230/GT63●0	XBT ZG56	0.030
	XBT GT7340	XBT ZG57	0.030
	XBT GK2●●0	XBT ZG58	–
	XBT GK5330	XBT ZG59	–
Back-lighting lamps	XBT GT5230	XBT ZG43	0.100
	XBT GT53●0	XBT ZG45	0.200
	XBT GT63●0	XBT ZG46	0.200
	XBT GT7340	XBT ZG47	0.200
USB fastening	XBT GT1●●0/GT2●●0/GT4●●0	XBT ZGCLP1	–
	XBT GT1●●5/GT5●●0/GT6●●0/GT7●●0	XBT ZGCLP2	–
	XBT GK	XBT ZGCLP3	–
Fixing kit	4 clamps and screws (max. tightening torque: 0.5 Nm). Included with all XBT GT terminals	XBT ZG FIX	0.100
Extension connector protection	All XBT GT/GK terminals except XBT GT1●●●	XBT ZGCNC	0.030
Power supply connector	XBT GT1●●●/GT2●●●	XBT ZGPWS1	0.030
	XBT GK2●●●	–	–
	XBT GT4●●●/5●●●/6●●●/7●●●	XBT ZGPWS2	–
	XBT GK5●●● XBT GTW●●●	–	–
Auxiliary connector	Terminals XBT GT4●●●/5●●●/6●●●/7●●●, XBT GK5●●●	XBT ZGAUX	–
Sheets of customisable legends	XBT GK2●●0	XBL YGK2	0.030
	XBT GK5●●●	XBL YGK5	–



XBT ZG925

### Application transfer cables - terminal to PC

Type of terminal (terminal side connector)	Connector (PC side)	Type	Length	Reference (1)	Weight kg
XBT GT11●●0 (mini-DIN)	USB	TTL	2 m	XBT ZG925	0.290
	9-pin SUB-D	TTL	2 m	XBT ZG915	0.250
XBT GT2●●0...GT7340 (XBT GT1●●5, XBT GK, XBT GTW)	USB	TTL	2 m	XBT ZG935	0.290

### Printer connection cables

Type of printer	Connector (printer side)	Type	Length	Reference	Weight kg
Serial printer (2) for terminal XBT GT/GK/GTW (except XBT GT1●●●)	25-pin female SUB-D	RS 232C (COM1)	2.5 m	XBT Z915	0.200

### Adaptors and isolation units for terminals XBT

These 3 adaptors are used with the connection cables to suit the application. For example: using cable XBT Z968 for "+ (2)", i.e. adaptor XBT ZG909, enables connection of a Twido controller (via its terminal port) to an XBT GT2●●0 terminal (via its COM1 port).

Description	Type of connector (automation product side)	Physical link (XBT GT terminal side)	Length	Reference	Weight kg
Adaptor for XBT GT1●●● (COM1 port) XBT GT2●●0...7340/ XBT GK (COM2 port)	25-pin SUB-D	RJ45 connector	0.2 m	XBT ZG939	—
Adaptors for XBT GT2●●0...7340/ XBT GK (COM1 port) XBT GTW (COM1 and COM2 port)	25-pin SUB-D	9-pin SUB-D connector, RS 485	0.2 m	XBT ZG909	—
		9-pin SUB-D connector, RS 232C	0.2 m	XBT ZG919	—

Description	Usage	Link to isolate	Reference	Weight kg
Serial link isolation units for XBT GT2●●0...7340/ XBT GK	- Connection to serial port of terminal XBT	RS 232C/RS 485	XBT ZGI232	—
	- Isolated link on 9-pin SUB-D connector (3)	(COM1)		
	- Power supply via USB port of terminal. Integrate a USB hub	RS 485 (COM2)	XBT ZGI485	—

(1) Cable included (according to model) with Vijeo Designer software packages, see page 36349/11.

(2) Parallel printer, see page 36346/5.

(3) Male connector for XBT ZGI232, female connector for XBT ZGI485



XBT ZGI485



TSX PCX 1031

### Connection cables for XBT GT to other Telemecanique products

Automation product type	Type of connector (automation product side)	Protocol	Type of XBT terminal, physical link	On XBT port	Length	Reference	Weight kg	
<b>Twido, Nano, Modicon TSX Micro, Modicon Premium</b>	Terminal port 8-pin female mini-DIN	Uni-TE (V1/V2), Modbus	XBT GT1●●●, RS 485	COM1	2.5 m	<b>XBT Z9780</b>	0.180	
			XBT GT2●●0...7340, COM2 XBT GK, RS 485					
			XBT GT2●●0...7340, COM1 XBT GK, RS 485		2.5 m	<b>XBT Z968 + (2)</b>	0.180	
			XBT GT2●●0...7340, COM1 XBT GK/GTW, RS 232C		5 m	<b>XBT Z9681 + (2)</b>	0.340	
			XBT GT2●●0...7340, COM1 XBT GK/GTW, RS 232C		2.5 m	<b>TSX PCX 1031</b>	0.170	
<b>Modicon M340</b>	RJ45	Modbus	XBT GT1●●●, RS 485	COM1	2.5 m	<b>XBT Z9980</b>	0.230	
			XBT GT2●●0...7340, COM2 XBT GK, RS 485					
			XBT GT2●●0...7340, COM1 XBT GK, RS 485		1.8 m	<b>XBT Z938 + (2)</b>	0.230	
					2.5 m	<b>XBT Z9008</b>	–	
	USB	Terminal port	XBT GT (4) XBT GK/GTW	USB	1.8 m	<b>BMX XCA USB 018</b>	0.230	
<b>Modicon Premium with TSX SCY 2160●</b>	25-pin female SUB-D	Uni-TE (V1/V2)	XBT GT1●●●, RS 485	COM1	2.5 m	<b>XBT Z918 + (1)</b>	0.230	
			XBT GT2●●0...7340, COM1 XBT GK, RS 485		2.5 m	<b>XBT Z918 + (2)</b>	0.230	
<b>Modicon Quantum</b>	9-pin male SUB-D	Modbus	XBT GT1●●●, RS 232C	COM1	2.5 m	<b>XBT Z9710 + (1)</b>	0.210	
			XBT GT2●●0...7340, COM1 XBT GK / GTW, RS 232C		2.5 m	<b>XBT Z9710 + (3)</b>	0.210	
					3.7 m	<b>990 NAA 263 20</b>	0.290	
<b>Advantys STB</b>	HE13 (NIM, network interface module)	Modbus	XBT GT1●●●, RS 232C	COM1	2.5 m	<b>XBT Z988 + (1)</b>	0.220	
			XBT GT2●●0...7340, COM1 XBT GK/GTW, RS 232C		2 m	<b>STB XCA 4002</b>	0.210	
					2.5 m	<b>XBT Z988 + (3)</b>	0.220	
<b>Modicon Momentum M1</b>	RJ45 (port 1 of Momentum M1)	Modbus	XBT GT1●●●, RS 232C	COM1	2.5 m	<b>XBT Z9711 + (1)</b>	0.210	
			XBT GT2●●0...7340, COM1 XBT GK, XBT GTW RS 232C		2.5 m	<b>XBT Z9711 + (3)</b>	0.210	
<b>Starter-controllers TeSys U, T Variable speed drives ATV 31/61/71, Soft starters ATS 48 Lexium 05 Preventa XPSMC</b>	RJ45	Modbus	XBT GT1●●●, RS 485	COM1	3 m	<b>VW3 A8 306 R30</b>	0.060	
			XBT GT2●●0...7340, COM2 XBT GK, RS 485		2.5 m	<b>XBT Z9980</b>	–	

(1) Adaptor **XBT ZG939** to be used with cables with "+ (1)" after the reference.

(2) Adaptor **XBT ZG909** to be used with cables with "+ (2)" after the reference.

(3) Adaptor **XBT ZG919** to be used with cables with "+ (3)" after the reference.

(4) Except XBT GT1●●0.



XBT ZG9772



XBT ZG9731

### Cables and adaptors for connecting XBT terminals to third party PLCs

#### Mitsubishi PLCs, Melsec

Description Driver used	Type of XBT terminal	Type of connectors (fitted to cable, excluding adaptor)	Physical link (COM1)	Length	Reference	Weight kg
Connection cable, A CPU (SIO)	GT2●●0...7340 /GK	9-pin SUB-D/25-pin SUB-D	RS 422	5 m	XBT ZG9773	–
Connection cable, Q Link (SIO)	GT2●●0...7340 /GK/GTW	9-pin SUB-D/9-pin SUB-D	RS 232C	5 m	XBT ZG9772	–
Connection cable, Q CPU (SIO)	GT2●●0...7340 /GK/GTW	9-pin SUB-D/mini-DIN	RS 232C	5 m	XBT ZG9774	–
Connection cable, A Link (SIO)	GT2●●0...7340 /GK/GTW	9-pin SUB-D/25-pin SUB-D	RS 232C	5 m	XBT ZG9731	–
Connection cable, FX (CPU)	GT2●●0...7340 /GK	9-pin SUB-D/mini-DIN	RS 422	5 m	XBT ZG9775	–
Cable for 2 port adaptor, FX (CPU), A CPU (SIO) QnA CPU (SIO)	GT2●●0...7340 /GK	9-pin SUB-D/free wires other end	RS 422	5 m	XBT ZG9778 + (4)	–
Adaptor unit FX (CPU), A CPU (SIO) QnA CPU (SIO)	GT2●●0...7340 /GK	2 port unit Screw terminal/2 x 9-pin SUB-D	RS 422	–	XBT ZG979	–

#### Omron PLCs, Sysmac

Description Driver used	Type of XBT terminal	Type of connectors (fitted to cable, excluding adaptor)	Physical link (COM1)	Length	Reference	Weight kg
Connection cables, Link (SIO)	GT1●●●	25-pin SUB-D/9-pin SUB-D	RS 232C	2.5 m	XBT Z9740 + (1)	0.210
	GT2●●0...7340 /GK/GTW	9-pin SUB-D/9-pin SUB-D	RS 232C	5 m	XBT ZG9740	–
		9-pin SUB-D/25-pin SUB-D	RS 232C	5 m	XBT ZG 9731	–
Connection cables, FINS (SIO)	GT1●●●	25-pin SUB-D/9-pin SUB-D	RS 232C	2.5 m	XBT Z9740 + (1)	0.210
	GT2●●0...7340 /GK/GTW	9-pin SUB-D/9-pin SUB-D	RS 232C	5 m	XBT ZG9740	–

(1) Adaptor XBT ZG939 to be used with cables with "+" (1)" after the reference, see page 36356/6.

(4) Cable XBT ZG9778 to be used with 9-pin female/female SUB-D adaptor XBT ZGCOM1.



XBT ZG9731

## Cables and adaptors for connecting XBT GT terminals to third party PLCs (continued)

## Rockwell Automation, Allen-Bradley PLCs

Description Driver used	Type of XBT terminal	Type of connectors (fitted to cable, excluding adaptor)	Physical link (COM1)	Length	Reference	Weight kg
Connection cables, DF1 Full Duplex	GT1●●●	25-pin SUB-D/9-pin SUB-D	RS 232C	2.5 m	<b>XBT Z9730 + (1)</b>	0.210
		25-pin SUB-D/8-pin mini-DIN	RS 232C	2.5 m	<b>XBT Z9731 + (1)</b>	0.210
	GT2●●●0...7340 /GK/GTW	9-pin SUB-D/25-pin SUB-D	RS 232C	5 m	<b>XBT ZG 9731</b>	–
Connection cables, DH485	GT1●●●	25-pin SUB-D/8-pin mini-DIN	RS 485	5 m	<b>XBT Z9732 + (1)</b>	–
		GT2●●●0...7340 /GK	25-pin SUB-D/8-pin mini-DIN	RS 485	5 m	<b>XBT Z9732 + (2)</b>

## Siemens PLCs, Simatic

Description Driver used	Type of XBT terminal	Type of connectors (fitted to cable, excluding adaptor)	Physical link	Length	Reference	Weight kg
Connection cable, PPI, S7 200	GT1●●●	RJ45/9-pin SUB-D	RS 485 (COM1)	2.5 m	<b>XBT ZG9721</b>	–
		GT2●●●0...7340 /GK	RJ45/9-pin SUB-D	RS 485 (COM2)		
Connection cables, Port MPI, S7 300/400	GT1●●●	RJ45/free wires other end	RS 485 (4) (COM1)	3 m	<b>VW3 A8 306 D30</b>	0.150
		RJ45/9-pin SUB-D	RS 485 (4) (COM1)	2.5 m	<b>XBT ZG9721</b>	–
	GT2●●●0...7340 /GK/GTW	9-pin SUB-D/9-pin SUB-D	RS 232C (COM1)	3 m	<b>XBT ZG9292</b>	–
	GT2●●●0...7340 /GK	RJ45/free wires other end	RS 485 (4) (COM2)	3 m	<b>VW3 A8 306 D30</b>	0.150
		RJ45/9-pin SUB-D	RS 485 (4) (COM2)	2.5 m	<b>XBT ZG9721</b>	–

## Customisable cables

Description Driver used	Type of XBT terminal	Type of connectors (fitted to cable, excluding adaptor)	Physical link	Length	Reference	Weight kg
Universal cable, RS 422	GT2●●●0...7340 /GK	9-pin SUB-D/free wires other end	RS 422 (COM1)	2.5 m	<b>XBT ZG9722</b>	0.210
Universal adaptor, RS 422/485	GT2●●●0...7340 /GK	9-pin SUB-D/Screw terminal	RS 422 (COM1)	–	<b>XBT ZG949 + (5)</b>	–
		9-pin SUB-D/Screw terminal	RS 485 (COM2)	–	<b>XBT ZG949 + (6)</b>	–

(1) Adaptor **XBT ZG939** to be used with cables with "+ (1)" after the reference, see page 36356/6.

(2) Adaptor **XBT ZG909** to be used with cables with "+ (2)" after the reference, see page 36356/6.

(4) No isolated RS 485 serial link 12 Mbps (187.5 kbps with **XBT GT11●0/2110**).

(5) Cable to be created by user and used in conjunction with 9-pin female/female SUB-D adaptor **XBT ZGCOM1**.

(6) Cable to be created by user and used in conjunction with isolation unit **XBT ZGI485** and 9-pin male/female SUB-D adaptor **XBT ZGCOM2**.



TSX SCA 62



TSX PACC 01



TSX SCA 64



LU9 GC3



VW3 A8 306 TF10



TWDXCAISO



ABL 7RM240



ABL 7RM240

### Connection of XBT terminals via serial links and Ethernet network

Type of bus/network	Tap-off unit	Connector (tap-off unit side)	Type of XBT terminal	Length	Reference	Weight kg
Uni-Telway serial link	Subscriber socket TSX SCA 62	15-pin female SUB-D	GT1●●● (COM1)	3 m	VW3 A8 306	0.150
			GT2●●0...7340/GK (COM2)			
			GT2●●0...7340/GK (COM1)	1.8 m	XBT Z908 + (2)	0.240
	Connection box TSX P ACC01	8-pin female mini-DIN	GT1●●● (COM1)	2.5 m	XBT Z9780	0.180
			GT2●●0...7340/GK (COM2)			
			GT2●●0...7340/GK (COM1)	2.5 m	XBT Z968 + (2)	0.180
			5 m	XBT Z9681 + (2)	0.340	
Modbus serial link	Subscriber socket TSX SCA 64	15-pin female SUB-D	GT1●●● (COM1)	3 m	VW3 A8 306	0.150
			GT2●●0...7340/GK (COM2)			
			GT2●●0...7340/GK (COM1)	1.8 m	XBT Z908 + (2)	0.240
	8 port Modbus splitter box LU9 GC3	RJ45	GT1●●● (COM1)	3 m	VW3 A8 306R30	0.060
				2.5 m	XBT Z9980	–
			GT2●●0...7340/GK (COM2)	3 m		
2 port tap-off box TWDXCAISO TWDXCAT3RJ		GT2●●0...7340/GK (COM1)	2.5 m	XBT Z938 + (2)	0.210	
		GT2●●0...7340/GK (COM2)				
T-junction box		With integrated cable, RJ45 fitted	GT1●●● (COM1)	1 m	VW3 A8 306 TF10	–
			GT2●●0...7340/GK (COM2)			
Ethernet TCP/IP network	Hubs 499 NEH/NOH Switches 499 NES, 499 NMS, 499 NSS and 499 NOS	RJ45	GT●●30/●●40	2 m	490 NTW 000 02	–
			GK●●30	5 m	490 NTW 000 05	–
			GTW●●●	12 m	490 NTW 000 12	–
				40 m	490 NTW 000 40	–
				80 m	490 NTW 000 80	–

### Connection of XBT terminals to fieldbus

Type of bus/network	Connection components	Type of XBT terminal	Reference	Weight kg
FIPWAY	USB gateway	XBT GT/GK (3)	TSXCUSBFIP	–
ModBus Plus	USB gateway	XBT GT/GK (3) XBT GTW	XBTZGUMP TSXCUSBMBP	–
PROFIBUS DP	Card on Bus expansion	XBT GT/GK (3)	XBTZGPDP	–
Device Net	Card on Bus expansion	XBT GT/GK (3)	XBTZGDVN	–

### Modular regulated switch mode power supplies ABL 7RM (4)

Mains input voltage/ Output voltage	XBT association	Nominal power	Nominal current	Reference	Weight kg
100...240/24 V Single-phase, wide range 47...63 Hz	GT1100...6340 /GK	30 W	1.3 A	ABL 7RM2401	0.182
	GT7340/GTW	60 W	2.5 A	ABL 7RM24025	0.255

(2) Adaptor XBT ZG909 to be used with cables with “+ (2)” after the reference, see page 36356/6.

(3) Except XBT GT1●●●.

(4) Dimensions: H x W x D = 90 x 72 x 59 mm. For further information, please refer to our “Power supplies, splitter boxes and interfaces” catalogue.