



VT155 Terminals

	VT155
Display Type	Graphic LCD 4 tones of grey STN
Touch Screen Matrix (cell dimension in pixels h-v)	20 x 8 (12 x 16)
Backlighting	LED
Min. lamp life at 25°C (h)	-
Resolution in pixels h-v (inches)	240 x 128 (4")
Display area size (mm h-v)	94,5 x 54,5
Columns by Rows/Character dimensions	Depending on used Font
Contrast adjustment	Software
Character set	Programmable fonts/TTF Windows® (also Unicode)
Project memory (text+graphic) (bytes)	640K
Recipes/Alarm buffer (bytes)	16K/8K FLASH
Memory card for backup/Extension (bytes)	-
MSP serial port	RS-232/422/485/TTY 20 mA
ASP serial port	RS-232 (8 pin)
LPT parallel port	-
Integrated (option)	CAN, Profibus-DP, Ethernet
Optional	Profibus-DP, Interbus-S, CAN
ESA-Net (variables)	Client
External (W x H x D) (mm)	166 x 100 x 39,6
Cut-out (W x H) (mm)	157 x 91
Power supply/Power consumption (24 Vdc)	18...32 Vdc/10 W
Protection level	IP 66 (frontal)
Operating temperature (°C)	0...+50
Storage/transport temperature (°C)	-20...+60
Humidity (non-condensing)	<85%
Weight (kg)	0,5
Certificates of approval	CE, cULus , Atex (Group II - cat.3 G D - zone 2/22)
Project Languages	4
Password levels/Bit passwords	10/8
Pages/Fields per page	64/32
Format of variables	DEC, HEX, BIN, BCD, ASCII, Floating point
Dynamic texts/Lists of images	Value depends on dimensions of project memory
ISA alarms/Info-messages	256/256
Help messages (pages/info messages/alarm)	64/256/256
Alarms history buffer	220 256
Recipes (Number/Variables per recipe)	128/256
Trends (Memory/Number of samples)	-
Pipelines (Number/Total bytes)	-
Macros (Number/Commands per macro)	1024/16
Print pages (Total/Number of fields per	64/128



page)	
Automatic operations/Timers/Equations	32/32/32
Max bargraphs per page (taken together with fields)	32
Indicators,potentiometers,selectors per page	-
Project images	BMP, JPEG, TIFF, PSD, WMF, PNG, EPS, ETC...
Buttons per page	Number of buttons corresponding to the number of Touch-Screen cells
Hardware clock	Supercapacitor 72 hours
Certifications	CE, cULus , Atex (Group II - cat.3 G D - zone 2/22)

Order codes and description

	VT155
	Operator terminal with 4" graphic LCD display, 4 tones of gray, 16 rows by 40 characters (240 x 128), Touch-Screen, 640 KB project, clock, 16 KB recipes
	It is possible horizontal and vertical mounting
VT155W000000	MSP (RS232/422/485/TTY), ASP-8 (RS232)
VT155W000DP	ASP-8 (RS232), Profibus-DP network
VT155W000CN	ASP-8 (RS232), CAN interface
VT155W000ET	ASP-8 (RS232), Ethernet 10/100

VT505, VT515, VT525, VT560 and VT565

	VT505	VT515	VT525	VT560	VT565
Display Type	Graphic LCD 4 tones of blue STN		Graphic LCD 16 colors STN	Graphic LCD 8 tones of blue/16 colors STN	Graphic LCD 256 colors STN
Touch Screen	20 x 16 (16 x 15)			20 x 16 (16 x 15)	20 x 16 (16 x 15)



Matrix (cell dimension in pixels h-v)					
Backlighting	CCFL				
Min. lamp life at 25°C (h)	45.000		50.000	50.000	
Resolution in pixels h-v (inches)	320 x 240 (5,7")			320 x 240 (5,7")	
Display area size (mm h-v)	115,17 x 86,37			115,17 x 86,37	
Columns by Rows/Character dimensions	Depending on used Font				
Contrast adjustment	Software				
Character set	Programmable fonts/TTF Windows® (also Unicode)				
Project memory (text+graphic) (bytes)	512K		960K	192K + 832K	
Recipes/Alarm buffer (bytes)	16K/- FLASH	16K/8K FLASH	32K/8K FLASH	128K/8K RAM	
Memory card for backup/Extension (bytes)	-			4M	
MSP serial port	RS-232/422/485/TTY 20 mA				
ASP serial port	RS-232 (8 pin)			RS-232/RS485 (15 pin)	
LPT parallel port	-			-	Centronics
Networks					
Integrated networks (option)	CAN, Profibus-DP, Ethernet			-	
Optional networks	Profibus-DP, Interbus-S, CAN				
ESA-Net (variables)	Client			Server (256), Client	
External (W x H x D) (mm)	210 x 158 x 54				210 x 158 x 61,2
Cut-out (W x H) (mm)	198 x 148				
Power supply/Power consumed (24 Vdc)	18...32 Vdc/10 W				18...32 Vdc/15 W
Protection level	IP 65 (frontal)				
Operating temperature (°C)	0...+50				
Storage/transport	-20...+60				



temperature (°C)			
Humidity (non-condensing)	<85%		
Weight (kg)	1,4		
Project Languages	4	6	8
Password levels/Bit passwords	10/8		
Pages/Fields per page	128/34	150/48	1024/112
Format of variables	DEC, HEX, BIN, BCD, ASCII, Floating point		
Dynamic texts/Lists of images	Value depends on dimensions of project memory		
ISA alarms/Info-messages	-/256	256/256	1024/1024
Help messages (pages/info messages/alarms)	128/256/-	128/256/256	150/256/256
Alarm history buffer	-	220	256
Recipes (Number/Variables per recipe)	128/256		1024/512
Trends (Memory/Number of samples)	-		4096/320
Pipelines (Number/Total bytes)	-		64/512
Macros (Number/Commands per macro)	1024/16		
Print pages (Total/Number of fields per page)	-	64/128	1024/128
Automatic operations/Timers/Equations	32/32/32		
Max bargraphs per page (taken together with fields)	34	48	112
Indicators, potentiometers, selectors per page	-		64



Project images	BMP, JPEG, TIFF, PSD, WMF, PNG, EPS, ETC...		
Buttons per page	Number of buttons corresponding to the number of Touch-Screen cells		
Hardware clock	-	Supercapacitor 72 hours	With battery
Certifications	CE, cULus , Atex (Group II - cat.3 G D - zone 2/22)		

ORDER CODES AND DESCRIPTION

VT505

Operator terminal with 5,7" graphic STN LCD display, 4 blue levels, 16 rows by 40 characters (320 x 240), Touch-Screen, 640 KB project, software clock, 16 KB recipes

VT505W00000
VT505W000DP
VT505W000CN
VT505W000ET

MSP (RS232/422/485/TTY)
MSP (RS232/422/485/TTY), Profibus-DP network
MSP (RS232/422/485/TTY), CAN interface
ASP-8 (RS232), Ethernet 10/100

VT515

Operator terminal with 5,7" graphic STN LCD display, 4 blue levels, 16 rows by 40 characters (320 x 240), Touch-Screen, 640 KB project, software clock, 16 KB recipes

VT515W00000
VT515W000DP
VT515W000CN
VT515W000ET

MSP (RS232/422/485/TTY)
MSP (RS232/422/485/TTY), Profibus-DP network
MSP (RS232/422/485/TTY), CAN interface
ASP-8 (RS232), Ethernet 10/100



VT580, VT585WB and VT595 TERMINALS

	VT585WB	VT595W
Display Type	Graphic LCD 256 colors TFT	Graphic LCD 256 colors TFT
Touch Screen Matrix (cell dimension in pixels h-v)	40 x 30 (16 x 16)	50 x 40 (16 x 15)
Backlighting	CCFL	
Min. lamp life at 25°C (h)	30.000	50.000
Resolution in pixels h- v (inches)	640 x 480 (10,4")	800 x 600 (12,1")
Display area size (mm h-v)	211,2 x 158	246 x 185
Columns by Rows/Character dimensions	Depending on used Font	
Contrast adjustment	Software	
Character set	Programmable fonts/TTF Windows® (also Unicode)	
Project memory (text+graphic) (bytes)	960K + 6M	
Recipes/Alarm buffer (bytes)	128K/8K FLASH	
Memory card for backup/Extension (bytes)	8M	
MSP serial port	RS-232/422/485/TTY 20 mA	
ASP serial port	RS-232/RS485 (15 pin)	
LPT parallel port	Centronics	
Integrated networks (option)	CAN, Profibus-DP, Ethernet	
Optional networks	Profibus-DP, Interbus-S, CAN	
ESA-Net (variables)	Server (512), Client	Server (1024), Client
External (W x H x D) (mm)	336,3 x 256 x 44	336,3 x 256 x 44
Cut-out (W x H) (mm)	314 X 240	314 X 240
Power supply/Power consumed (24 Vdc)	18...32 Vdc/15 W	
Protection level	IP 65 (frontal)	
Operating temperature (°C)	0...+50	
Storage/transport temperature (°C)	-20...+60	
Humidity (non- condensing)	<85%	
Weight (kg)	1,9	2,1
Project Languages	8	
Password levels/Bit passwords	10/8	
Pages/Fields per	1024/320	1024/400



page		
Format of variables	DEC, HEX, BIN, BCD, ASCII, Floating point	
Dynamic texts/Lists of images	Value depends on dimensions of project memory	
ISA alarms/Info-messages	1024/1024	
Help messages (pages/info messages/alarms)	1024/1024/1024	
Alarm history buffer	256	
Recipes (Number/Variables per recipe)	1024/512	
Trends (Memory/Number of samples)	6144/480	8192/640
Pipelines (Number/Total bytes)	64/512	
Macros (Number/Commands per macro)	1024/16	
Print pages (Total/Number of fields per page)	1024/128	
Automatic operations/Timers/Equations	32/32/32	
Max bargraphs per page (taken together with fields)	320	400
Indicators, potentiometers, selectors per page	128	256
Project images	BMP, JPEG, TIFF, PSD, WMF, PNG, EPS, ETC...	
Buttons per page	Buttons per page Number of buttons corresponding to the number of Touch-Screen cells	
Hardware clock	Supercapacitor 72 hours	
Certifications	CE, cULus , Atex (Group II - cat.3 G D - zone 2/22)	



ORDER CODES AND DESCRIPTION

VT580

Operator terminal with color graphic LCD 8,4" TFT display, SVGA (800x600), Touch Screen, 7 MB project, clock, 128 KB recipes

VT580WAPT00 MSP (RS232/422/485/TTY), ASP (RS232/485), LPT (Centronics)

VT585

Operator terminal with 10,4" color graphic TFT LCD display, 30 rows by 80 characters, VGA (640 x 480), Touch Screen, 7 MB project, clock, 128 KB recipes

VT585WBPT00 MSP (RS232/422/485/TTY), ASP (RS232/485), LPT (Centronics)

VT585WBPTDP MSP (RS232/422/485/TTY), LPT (Centronics), Profibus-DP network

VT585WBPTCN MSP (RS232/422/485/TTY), LPT (Centronics), CAN interface

VT585WBPTET MSP (RS232/422/485/TTY), LPT (Centronics), Ethernet 10/100

VT595

Operator terminal with 12,1" color graphic TFT LCD display, 30 rows by 80 characters, SVGA (800 x 600), Touch Screen, 7 MB project, clock, 128 KB recipes

VT595WAPT00 MSP (RS232/422/485/TTY), ASP (RS232/485), LPT (Centronics)

VT595WOPTET MSP (RS232/422/485/TTY), LPT (Centronics), Ethernet 10/100