



HMI & Remote PC Terminals for industrial and hazardous areas – Ex Zone 1 / 2 / 21 / 22

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TECHNICAL DATASHEET

CHALLENGER

Remote PC Terminal for hazardous areas - zone 1/2 (Gas), -22 (Dust)

Power Supplies

The CHALLENGER POWER SUPPLIES are especially designed for hazardous areas zone 1/2/22*. This components are parts of our modular system.

Article Code	Product Description	Technical Description
PSU14i/6/543 	POWER SUPPLY FOR CHALLENGER 15i <ul style="list-style-type: none"> - Power supply for 15.1" FMO display, keyboard, pointing device - 24V DC / 3 A, (100-240V AC on request) - Operating temperature range -10°C to +60°C - Extendable to -30°C to +60°C 	<ul style="list-style-type: none"> - Ingress protection IP54 - ATEX: DMT 00 ATEX E 090, II 2G EEx qe [ib] IIC T4 - UL/cUL-listed: Class I, Zone 1, AEx qe [ib] IIC T4, Ex qe [ib] IIC T4, File E 232869 - UL/cUL-listed: Class I, Div. 2, Groups A,B,C,D T4 File E 232869 - GOST-R/GGTN, IEXEx, TIIS, NEPSI...certified
PSU14i/8/543 	POWER SUPPLY FOR CHALLENGER 18i or 15i-2 Touch <ul style="list-style-type: none"> - Power supply for 19" FMO display, keyboard, pointing device - 24V DC / 3 A, (100-240V AC on request) - Operating temperature range -10°C to +60°C - Extendable to -30°C to +60°C 	<ul style="list-style-type: none"> - Ingress protection IP54 - ATEX: DMT 00 ATEX E 090, II 2G EEx qe [ib] IIC T4 - UL/cUL-listed: Class I, Zone 1, AEx qe [ib] IIC T4, Ex qe [ib] IIC T4, File E 232869 - UL/cUL-listed: Class I, Div. 2, Groups A,B,C,D T4 File E 232869 - GOST-R/GGTN, IEXEx, TIIS, NEPSI...certified
PSU150i/6/543 	POWER SUPPLY FOR CHALLENGER 15i (100-240V AC) <ul style="list-style-type: none"> - Power supply for 15.1" FMO display, keyboard, pointing device - NOTE: By configuration CHALLENGER 15i this type of power supply must be externally mounted (out of the FHP housing) 	<ul style="list-style-type: none"> - Ingress protection IP54 - ATEX: TÜV 03 ATEX 2032; II 2G EEx qe [ib] IIC T4 - GOST-R/GGTN, IEXEx, TIIS ...certified
PSU150i/8/543 	POWER SUPPLY FOR CHALLENGER 18i or 15i-2 Touch (100-240V AC) <ul style="list-style-type: none"> - Power supply for 19" FMO display, keyboard, pointing device 	<ul style="list-style-type: none"> - Ingress protection IP54 - ATEX: TÜV 03 ATEX 2032; II 2G EEx qe [ib] IIC T4 - GOST-R/GGTN, IEXEx, TIIS ...certified

* If used together with for dust areas certified FHP enclosures

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