



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

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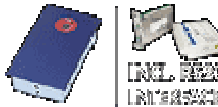
TECHNICAL DATASHEET

CHALLENGER

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

Access Controls

The CHALLENGER ACCESS CONTROLS Systems represents the modern form of local access control in the production plant. All components for operation, visualisation and access control are made intrinsically safe and certified world-wide. In this way configuration according to the specific conditions of the production plant is made possible.

Article Code	Product Description	Technical Description
CRi 	CARD READER module for hazardous areas zone 1/2/22* <ul style="list-style-type: none"> - Card Reader as intrinsically safe module - Non-contact identification - Standard Protocol: Mifare (other protocols on request) - Incl. RS 232i Interface intrinsically safe - Incl. separate data cable TP6-BL, 600 MHz / CAT 7 - Panel-mounted module 	<ul style="list-style-type: none"> - Ingress protection IP 66/NEMA 4X from front - ATEX: DMT 02 ATEX E 141, II 2G EEx ib IIC T4 - UL/cUL-listed: Class I, Zone 1, AEx ib IIC T4, Ex 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, IECEx, TIIS, NEPSI...certified
FPI 	FINGERPRINT module for hazardous areas zone 1/2/22* <ul style="list-style-type: none"> - Fingerprint as intrinsically safe module - Contact recognition < 500 dpi - C-Mos Sensor - Incl. intrinsically safe RS 232i Interface - Incl. separate data cable TP6-BL, 600 MHz, CAT 7 - Panel-mounted module 	<ul style="list-style-type: none"> - Ingress protection IP 66/NEMA 4X from front - ATEX : TÜV 03 ATEX 2251, II 2G EEx ib IIC T4 - UL/C-UL: in certification process - GOST-R/GGTN, IECEx, TIIS, NEPSI...certified

* If used together with for dust areas certified FHP enclosures

Technical data sheets are subject to modifications and amendments / No liability for misprints and errors.