

Seznam zkratek

A/D	Analog/Digital
AIA	Advanced Imaging Association
ALARA	As Low As Reasonably Achievable
ALARP	As Low As Reasonably Practicable
ANSI	American National Standards Institute
APC	Advanced Process Control
API	American Petroleum Institute
ASM	Asset Management System
ATEX	Atmosphères Explosibles
BPCS	Basic Process Control System
CAD	Computer Aided Design
CAE	Computer Aided Engineering
CAN	Controller Area Network
CE	Conformité Européenne
CFC	Continuous Function Chart
CFR	Code of Federal Regulations
CiR	Configuration in Run
CPM	Critical Path Method
cUL	Canada - Underwriters Laboratories
DCS	Distributed Control System
DHCP	Dynamic Host Configuration Protocol
DKD	Deutscher-Kalibrier-Dienst
DOPV	dokument na ochranu proti výbuchu
DTM	Device Type Manager
DTS	distribuční transformovna
EDDL	Electronic Device Description Language
EMEA	Europe, the Middle East and Africa
EMVA	European Machine Vision Association
ERP	Enterprise Resource Planning
ESD	Emergency Shut Down
FAT	Factory Acceptance Test
FDA	Food and Drug Administration
FDT	Field Device Tool
FF	Foundation Fieldbus
FISCO	Fieldbus Intrinsically Safe Concept
FM	Factory Mutual Global
GAMP	Good Automated Manufacturing Practice
GPIO	General Purpose Input Output
GPRS	General Packet Radio Service
GPS	Global Position System
GSM	Global System for Mobile Communications
HART	Highway Addressable Remote Transducer
HAZOP	Hazard and Operability Study
HCiR	Hot Configuration In Run
HMI	Human Machine Interface
HSE	High Speed Ethernet
I/O	Input/Output
I ² C	Inter - Integrated Circuits
IEC	International Electrotechnical Commission
IECEX	International Electrotechnical Commission Ex scheme
IQ	Installation Qualification
IS	Intrinsic Safety

ISA	Instrumentation, Systems, and Automation Society
ISPE	International Society of Pharmaceutical Engineering
IT	Information Technology
IWLAN	Industrial Wireless Local Area Network
LAN	Local Area Network
LCD	Liquid Crystal Display
LED	Light Emitting Diode
LVSD	Low Voltage Switchgear Device
MBP	Manchester Coding and Bus Powered
MEMS	Micro Electro Mechanical Systems
MES	Manufacturing Execution System
MTTFd	Mean Time To dangerous Failure
NMi	Nederlands Meetinstituut
OEM	Original Equipment Manufacturer
OIML	Organisation Internationale de Métrologie Légale
OLE	Object Linking and Embedding
OLED	Organic Light Emitting Diode
OPC	OLE for Process Control
OPC DA/DX	OPC Data Access/Data Exchange
OQ	Operation Qualification
P&ID	Piping and Instrumentation Diagram
PAC	Programmable Automation Controller
PAM	Plant Asset Management
PC	Personal Computer
PDM	Process Device Manager
PI	Profibus & Profinet International
PID	proporcionální-integrační-derivační
PLC	Programmable Logic Controller
PTB	Physikalisch-Technische Bundesanstalt
RGB	Red, Green, Blue
SAT	Site Acceptance Testing
SCADA	Supervisory Control and Data Acquisition
SCSI	Small Computer Standard Interface
SFC	Sequential Function Chart
SIF	Safety Instrumented Function
SIL	Safety Integrity Level
SIS	Safety Instrumented System
SMS	Short Message Service
SNMP	Simple Network Management Protocol
SPI	SCSI Parallel Interface
SQUARE	Software Product Quality Requirement and Evaluation
SRS	Safety Requirement Specification
TCO	Total Cost of Ownership
UDP	User Datagram Protocol
UL	Underwriters Laboratories
USB	Universal Serial Bus
VDMA	Verband Deutscher Maschinen- und Anlagenbau
vn	vysoké napětí
vvn	velmi vysoké napětí
WiFi	Wireless Fidelity
WLAN	Wireless Local Area Network
XML	Extensible Markup Language