

FLEX I/O Digital DC Output Modules Installation Instructions

Environmental Specifications (Continued)

Attribute	Value
EFT/B immunity	IEC 61000-4-4: ±2 kV @ 5 kHz on power ports - 1794-088, 1794-0816, 1794-0832P ±3 kV @ 5 kHz on power ports - 1794-088EP, 1794-0816P ±2 kV @ 5 kHz on signal ports - 1794-088, 1794-0816, 1794-0832P ±3 kV @ 5 kHz on signal ports - 1794-088EP, 1794-0816P
Surge transient immunity	IEC 61000-4-5: ±1 kV line-line(DM) and ±2 kV line-earth(CM) on signal ports
Conducted RF immunity	IEC 61000-4-6: 10V rms with 1 kHz sine-wave 80% AM from 150 kHz..80 MHz

Certifications

Certifications (when product is marked) ⁽¹⁾	Value
c-UL-us	For 1794-088, 1794-088EP, 1794-0816, 1794-0816P UL Listed Industrial Control Equipment, certified for US and Canada. See UL File E65584. UL Listed for Class I, Division 2 Group A,B,C,D Hazardous Locations, certified for U.S. and Canada. See UL File E194810. For 1794-0832P UL Listed Industrial Control Equipment, certified for US and Canada. See UL File E322657. UL Listed for Class I, Division 2 Group A,B,C,D Hazardous Locations, certified for U.S. and Canada. See UL File E334470.
UK and CE	UK Statutory Instrument 2016 No. 1091 and European Union 2014/30/EU EMC Directive, compliant with: EN 61326-1; Meas./Control/Lab., Industrial Requirements EN 61000-6-2; Industrial Immunity EN 6131-2; Programmable Controllers EN 61000-6-4; Industrial Emissions UK Statutory Instrument 2012 No. 3032 and European Union 2011/65/EU RoHS, compliant with: EN 63000; Technical documentation
Ex	UK Statutory Instrument 2016 No. 1107 and European Union 2014/34/EU ATEX Directive, compliant with: EN IEC 60079-0; General Requirements EN IEC 60079-7; Explosive Atmospheres, Protection "e" II 3 G Ex ec IIC T4 Gc - 1794-088, 1794-088EP, 1794-0816 II 3 G Ex ec IIC T3 Gc - 1794-0816P DEMKO 14 ATEX 1342501X UL220EXE2378X
IECEX	IECEX System, compliant with: IEC 60079-0; General Requirements IEC 60079-7; Explosive Atmospheres, Protection "e" Ex ec IIC T4 Gc - 1794-088, 1794-088EP, 1794-0816 Ex ec IIC T3 Gc - 1794-0816P IECEX UL 14.0066X
TÜV	For 1794-088EP, 1794-0816, 1794-0816P TÜV Certified for Functional Safety: up to and including SIL 2
RCM	Australian Radiocommunications Act, compliant with: EN 61000-6-4; Industrial Emissions
KC	Korean Registration of Broadcasting and Communications Equipment, compliant with: Article 58-2 of Radio Waves Act, Clause 3
EAC	Russian Customs Union TR CU 020/2011 EMC Technical Regulation
Morocco	Arrêté ministériel n° 6404-15 du 29 ramadan 1436
CCC	For 1794-088, 1794-088EP, 1794-0816, 1794-0816P CNCA-C23-01 强制性产品认证实施规则 防爆电气 CNCA-C23-01 CCC Implementation Rule Explosion-Proof Electrical Products 202012230911829

(1) See the Product Certification link at rob.automation.com for Declarations of Conformity, Certificates, and other certification details.