

ELETTROMAGNETI

ELECTROMAGNETS

EXD130_xxx_0891

EXD160_xxx_0891

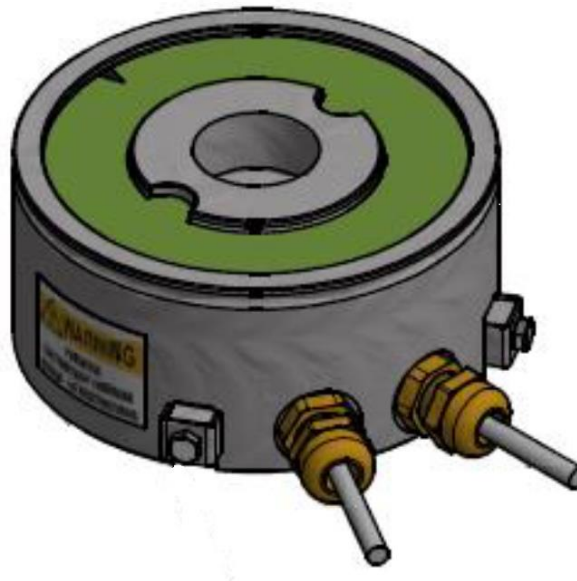
EXD180_xxx_0891



ATEX 2014/34/UE
IEC 60079-0
IEC 60079-18

EU type-examination Certificate
ITS-I 23 ATEX 32846 X

Notified Body:
Intertek Italia S.p.A. (2575)



II2G Ex mb IIC T6 Gb

Marking for gas

II2D Ex mb IIIC T85°C Db

Marking for dust

Gli elettromagneti EXD130_xxx_0891, EXD160_xxx_0891, EXD180_xxx_0891 sono certificati per essere utilizzati in zone a rischio esplosione 1, 2 (gas, nebbia, vapori) e zone 21, 22 (polveri) secondo direttiva ATEX 2014/34/UE

- bobina di rame incapsulata in resina epossidica;
- nucleo in acciaio zincato;
- protezione termica integrata auto ripristinante, intervento a 90°C (terminali D ed E);
- fusibile termico di sicurezza integrato, non ripristinabile, intervento a 100°C.

Electromagnets EXD130_xxx_0891, EXD160_xxx_0891, EXD180_xxx_0891 are certified for use in hazardous areas zone 1, 2 (gas, mist, vapour) and zone 21, 22 (dust) acc.to ATEX directive 2014/34/EU

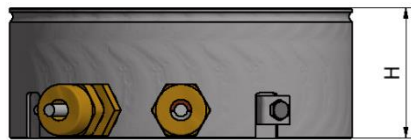
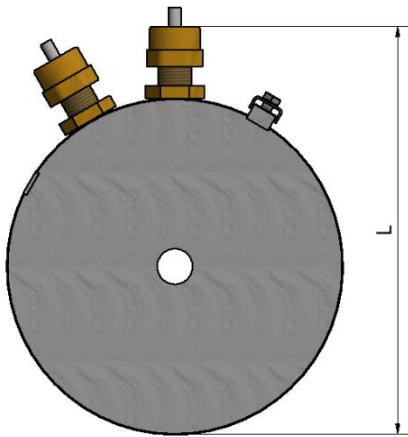
- copper coil encapsulated in epoxy resin;
- galvanised steel core.
- Integrated, auto-resetting thermal protection, intervention temperature: 90°C (D and E terminals)
- Integrated safety, non-resettable thermal fuse, intervention temperature: 100°C.



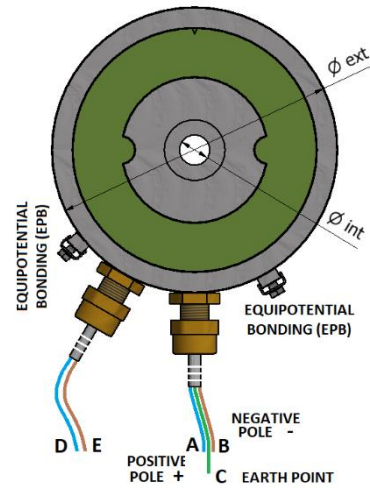
DIMENSIONI / DIMENSIONS

TIPO / TYPE	Øext	Øint	H	L	Peso / weight (kg)
EXD130_xxx_0891	130			155	4,6
EXD160_xxx_0891	160	17	60	185	7,5
EXD180_xxx_0891	180			205	10,0

dimensioni in mm / dimensions in mm



A-B: alimentazione 48Vdc
power supply 48Vdc
C-EPB: collegamento di terra
earth point
E-D: protezione termica N.C.
thermal protection N.C.



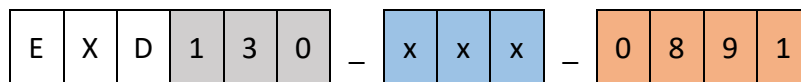
DATI TECNICI / TECHNICAL DETAILS

TIPO / TYPE	Forza di tenuta Holding force (daN)	Tensione Power supply (Vdc)	Assorbimento Rated current (A)	Switch ON / OFF (s)
EXD130_xxx_0891	540		0.65	
EXD160_xxx_0891	990	48 ± 10%	1.22	6 / 9
EXD180_xxx_0891	1300		1.56	

Servizio intermittente 40% = tempo di alimentazione 6 secondi max
Duty cycle 40% = power on 6 seconds max

Per ulteriori informazioni tecniche, installazione e manutenzione, consultare il manuale d'uso e manutenzione "UM-ATEX"
For any further information regarding technical data, installation and maintenance, please check use and maintenance manual "UM-ATEX"

CODICI ORDINAZIONE / ORDER CODES



SERIE / PRODUCT SERIES

MODELLO / PRODUCT MODEL:
130; 160; 180

VARIANTI AMMESSE / VARIANTS ALLOWED
000 = lunghezza cavi 5m / 5m cables length
Lunghezza cavo diversa / different cable length;
Altro / other.

SPECIFICHE TECNICHE DI ELFRI / ELFRI TECHNICAL SPECIFICATION

DTEXD - Ed.2023 Rev.00