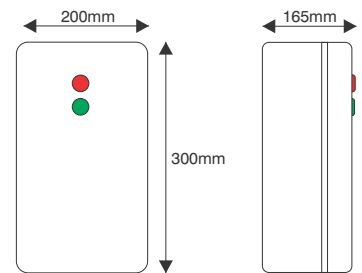
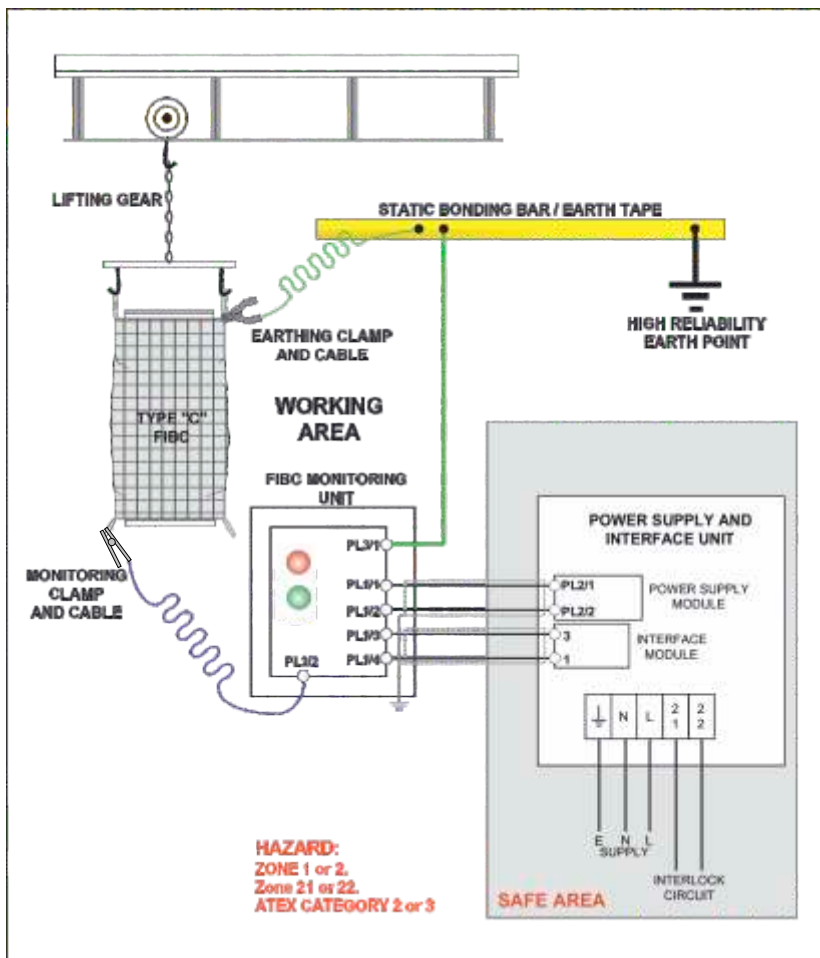


Earth-Rite[®] FIBC

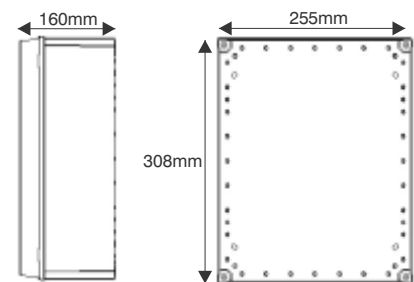
Static Grounding for Type C FIBC bags



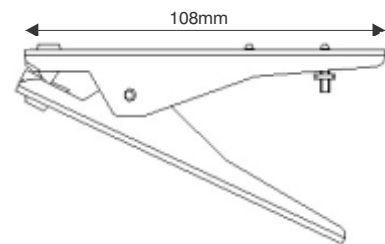
Technical Specification for ATEX Approved Version



FIBC Monitoring Unit





FIBC Power Supply / Interface Unit





FIBC Monitoring Clamp

Certification Labels

Monitoring Unit

Newson Gale Ltd Nottingham NG4 2JX UK		EARTH-RITE FIBC EEx ia IIC T4	
		0518	SIRA 01ATEX2231
PL1 Ui=18.7V; Ii=209.5mA; Pi=0.98W; Ci = 39 nF at 18.7 V plus 1.3 uF at 11 V; Li = 28 uH			
PL2 & PL3 Combined Ui=11V; Ii=22mA; Pi=51mW; Ci = 1.3 uF at 11 V; Li = 28 uH			
SEE PCB FOR SERIAL NUMBER AND YEAR OF MANUFACTURE			

FIBC Power Supply Unit

Newson Gale Ltd Nottingham NG4 2JX UK		EARTH-RITE PSU [EEx ia] IIC	
SEE PCB FOR SERIAL NUMBER AND YEAR OF MANUFACTURE			
		0518	SIRA 01ATEX2235
FOR USE WITH EARTH-RITE FIBC ONLY			

Technical Specification for ATEX Approved Version

Power Supply/Interface Unit

Power supply	230 V or 110V ± 10%, 50Hz
Power rating	15 watt
Maximum ambient temperature	40°C
Ingress protection	IP65
Weight	5kgs (nett)
Construction	GRP

Power Supply PCB

Certification	[EEx ia] IIC II (1) GD
Monitoring circuit	Intrinsically safe (cert no: Sira 01ATEX2235)
Approval authority	Sira Test & Certification

Interface Units

Certification	[EEx ia] IIC II (1) GD (cert no: PTB 00 ATEX2081)
Approval authority	PTB
Control contact rating	1 off voltage free switch contacts 2A at 240V, resistive.

Monitoring Unit

Maximum ambient temperature	40°C
Ingress protection	IP65
Weight	5kgs (nett)
Construction	Stainless Steel
Certification	EEx ia IIC T4 II 1 GD
Monitoring circuit	Intrinsically safe (cert no: 01ATEX2231)
Approval authority	Sira Test & Certification
Cable entries	3 x 20mm diameter holes in bottom of enclosure
Lamps (Light Emitting Diodes)	1 red (earth broken), 1 green (earth healthy)

Earthing Clamp & Cable (where applicable)

Clamp design	Stainless Steel Body and Contact
Clamp certification	II 1 GD T6
Cable	Green Hytrel Sheathed Single Core 4mm ²

Monitoring clamp

Clamp design	Stainless Steel Body and Contact
Clamp certification	II 1 GD T6
Cable	Blue Hytrel Sheathed Single Core 4mm ²

Ordering Code	Product Description
EMUF01	Earth-Rite FIBC System (EEx ia IIC T4) * 220/240 Vac
EMUF01/110	Earth-Rite FIBC System (EEx ia IIC T4) * 110/120 Vac
EMUF02	Earth-Rite FIBC System (EEx ia IIC T4) Power Supply Unit: EEx d IIB T5 * 220/240 Vac
EMUF02/110	Earth-Rite FIBC System (EEx ia IIC T4) Power Supply Unit: EEx d IIB T5 * 110/120 Vac

The Earth-Rite FIBC forms part of the Earth-Rite range of Static Earthing and Bonding Equipment available from Newson Gale



Leading the way in hazardous area static control

www.newson-gale.com

Newson Gale Inc
460 Faraday Avenue
Unit B, Suite 1
Jackson, NJ 08527
USA

Tel: +1 732 987 7715

Fax: +1 732 791 2182

Email: groundit@newson-gale.com

Newson Gale Ltd
Omega House
Private Road 8
Colwick, Nottingham
NG4 2JX, UK

Tel: +44 (0)115 940 7500

Fax: +44 (0)115 940 7501

Email: groundit@newson-gale.co.uk