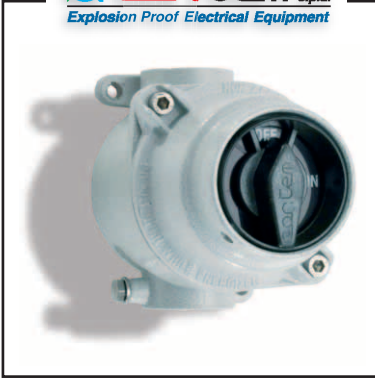


Control and signalling stations

- B1*** ***Switches EEx-d IIC***
- B2*** ***Control stations EEx-d IIB - IIC***
- B3*** ***Breakers EEx-d IIB***
- B4*** ***Instrument housing EEx-d IIC***
- B5*** ***Bells EEx-d IIC***
- B6*** ***Thermostat EEx-d IIC***
- B7*** ***Grounding equipment EEx-d IIB - IIC***





Rotary switch

CSC...

FEATURES

The CSC series circuit breakers, switches and changeover switches are rotary type models of 16A with control handle on the cover.

CONSTRUCTION

Body and cover in copper-free aluminium alloy. Resin handle on front.
Cover fitted with stainless steel closing screws.
Fixing lugs. Internal/external stainless steel earth screws.
RAL 7035 epoxy coating. Two hubs ISO7/1 threaded.

OPTIONS

Other threads on request.

TYPE OF PROTECTION



CE (Ex) II 2GD EEx-d IIC T6 - IP 66



GOST R-Exd IIC

CERTIFICATE OF CONFORMITY



CESI 01 ATEX 092



POCC IT 05.B00685

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018/ IEC 60079.1 - EN 50281-1-1

INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Ø Hubs	Range	Poles	Weight Kg.
Circuit breakers					
CSC-216	YP2-216	1"	16 A	2	0,84
CSC-316	YP2-316	1"	16 A	3	0,86
CSC-416	YP2-416	1"	16 A	4	0,88
Switches					
CSCC-216	YCP2-216	1"	16 A	2	0,89
Changeover switches					
CSCD-216	YDP2-216	1"	16 A	2	0,89



Rotary switch

EFSCO...

B

FEATURES

The EFSCO series circuit breakers, switches and changeover switches are rotary type models of 25, 50 and 63A with control handle on the cover.

CONSTRUCTION

Body and cover in copper-free aluminium alloy. Aluminium handle on front.
Cover fitted with stainless steel closing screws.
Fixing lugs. Internal/external stainless steel earth screws.
RAL 7035 epoxy coating. Two hubs ISO7/1 threaded.

OPTIONS

Other threads on request.

TYPE OF PROTECTION



CE (Ex) II 2GD EEx-d IIC T6 - IP 66



GOST R-Exd IIC

CERTIFICATE OF CONFORMITY



CESI 01 ATEX 092



POCC IT 05.B00685

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018/ IEC 60079.1 - EN 50281-1-1

INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Ø Hubs	Range	Poles	Weight Kg.
Circuit breakers					
EFSCO-22	YP3-225	1"	25 A	2	1,880
EFSCO-23	YP3-325	1"	25 A	3	1,920
EFSCO-24	YP3-425	1"	25 A	4	1,960
EFSCO-53	YP3-340	1"	40 A	3	2,000
EFSCO-44	YP3-440	1"	40 A	4	2,040
EFSCO-52	no	1"	50A	2	1,200
EFSCO-62	no	1"1/2	63A	2	1,400
EFSCO-63	YP3-363	1"1/2	63 A	3	2,040
EFSCO-64	YP3-463	1"1/2	63 A	4	2,080
Switches					
EFSCO-242	YCP3-125	1"	25A	1	1,140
EFSCO-244	YCP3-225	1"	25A	2	1,180
EFSCO-542	no	1"	50A	1	1,200
EFSCO-642	no	1"1/2	63A	1	1,400
Changeover switches					
EFSCO-26	YDP3-125	1"	25 A	1	1,880
EFSCO-266	YDP3-225	1"	25 A	2	1,960
EFSCO-56	no	1"	50A	1	1,200
EFSCO-66	no	1"1/2	63A	1	1,400



Control station

CSE...

FEATURES

The CSE control stations are suitable for the control of and signalling to equipment either on-board or by remote and are used in the chemical, petrochemical and pharmaceutical industries and in any place where an explosion-proof installation is required.

CONSTRUCTION

Rectangular housing in copper-free aluminium alloy with stainless steel bushing and push button shaft. Stainless steel fixing screws for body and cover, lugs for wall mounting. Polycarbonate globe. Stainless steel earth screws. RAL 7035 epoxy coating. Two hubs diam. 3/4" ISO 7/1. Voltage/amperage for standard utilization.

OPTIONS

Other threads on request.

TYPE OF PROTECTION



CE (Ex) II 2GD EEx-d IIB T5/T6 - IP 66



GOST R-Exd IIB

CERTIFICATE OF CONFORMITY



CESI 03 ATEX 172



POCC IT 05.B00685

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018 - EN 50281-1-1

INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Description	Weight Kg.
CSE-L	CSE-C-2-L	Single signal lamp	1,01
CSE-LL	CSE-C-2-LL	Double signal lamp	1,12
CSE-LLL	CSE-C-2-LLL	Triple signal lamp	1,53
CSE-P	CSE-C-2-P	Single push button	0,97
CSE-PP	CSE-C-2-PP	Double push button	1,05
CSE-PPP	CSE-C-2-PPP	Triple push button	1,42
CSE-PL	CSE-C-2-PL	Push button + signal lamp	1,09
CSE-PLL	CSE-C-2-PLL	Push button + double signal lamp	1,50
CSE-PPL	CSE-C-2-PPL	Double push button + signal lamp	1,45
CSEPEA	CSEPEA-2	Emergency push button with glass protection	1,55
CSEPEA-M	CSEPEA-2M	Emerg. push button with glass protection and hammer	-
CSEPEP	CSEPEP-2	Emergency mushroom push button	1,00



Control station

CSC...

FEATURES

The CSC control stations are suitable for the control of and signalling to equipment either on-board or by remote and are used in the chemical, petrochemical and pharmaceutical industries and in any place where an explosion-proof installation is required.

B

CONSTRUCTION

Cylindrical housing in copper-free aluminium alloy with stainless steel bushing and push button shaft. Stainless steel fixing screws for body and cover, lugs for wall mounting. Polycarbonate globe. Stainless steel earth screws. RAL 7035 epoxy coating. Two hubs diam. 1" ISO 7/1. Voltage/ampere for standard utilization.

OPTIONS

Other threads on request.

TYPE OF PROTECTION



CE (Ex) II 2GD EEx-d IIC T5/T6 - IP 66



GOST R-Exd IIC

CERTIFICATE OF CONFORMITY



CESI 01 ATEX 092



POCC IT 05.B00685

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018 - EN 50281-1-1

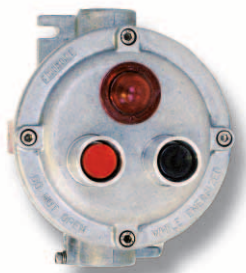
INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Description	Weight Kg.
CSC-D	CSC-C-3-D	Double push button (single unit)	0,850
CSC-G	CSC-C-3-G	Signal push button	0,900
CSC-GG	CSC-C-3-GG	Double signal push button	1,600
CSC-L	CSC-C-3-L	Signal lamp	0,800
CSC-LL	CSC-C-3-LL	Double signal lamp	1,570
CSC-P	CSC-C-3-P	Push button	0,860
CSC-PL	CSC-C-3-PL	Push button + signal lamp	1,630
CSC-PP	CSC-C-3-PP	Double push button	1,690
CSC-B	CSC-C-3-B	Manteined push button	0,900
CSC-2B	CSC-C-3-2B	Manteined push button	0,92
CSC-1C	CSC-C-3-1C	Selector	0,87
CSC-2C	CSC-C-3-2C	Selector	0,89
CSC-3C	CSC-C-3-3C	Selector	0,910
CSC-E	CSC-C-3-E	Mushroom push button	0,92
CSC-F	CSC-C-3-F	Mushroom push button	0,920
CSC-2F	CSC-C-3-2F	Mushroom push button	0,940
CSC-1I	CSC-C-3-1I	Switch	0,870
CSC-2I	CSC-C-3-2I	Switch	0,89

Code	Old code	Description	Weight Kg.
CSC-3I	CSC-C-3-3I	Switch	0,91
CSC-1M	CSC-C-3-1M	Start selector	0,88
CSC-2P	CSC-C-3-2P	Push button	0,88
CSC-1R	CSC-C-3-1R	Start-stop selector switch	0,895
CSC-R	CSC-C-3-R	Mushroom push button	0,92
CSC-2R	CSC-C-3-2R	Mushroom push button	0,94
CSC-1W	CSC-C-3-1W	Selector switch	0,89
CSC-2W	CSC-C-3-2W	Selector switch	0,91
CSC-1X	CSC-C-3-1X	Start-stop selector switch	0,89
CSC-1Y	CSC-C-3-1Y	Reversing start switch	0,890
CSC-1Z	CSC-C-3-1Z	Change over	0,870
CSC-2Z	CSC-C-3-2Z	Change over	0,89
CSC-3Z	CSC-C-3-3Z	Change over	0,91
CSC-1CL	CSC-C-3-1CL	Selector switch + signal lamp	1,65
CSC-2CL	CSC-C-3-2CL	Selector switch + signal lamp	1,67
CSC-3CL	CSC-C-3-3CL	Selector switch + signal lamp	1,69
CSC-P1C	CSC-C-3-P1C	Push button + selector switch	1,7
CSC-P2C	CSC-C-3-P2C	Push button + selector switch	1,72
CSC-P3C	CSC-C-3-P3C	Push button + selector switch	1,74
CSC-1ZL	CSC-C-3-1ZL	Change over + signal lamp	1,65
CSC-2ZL	CSC-C-3-2ZL	Change over + signal lamp	1,67
CSC-3ZL	CSC-C-3-3ZL	Change over + signal lamp	1,69
CSC-P1Z	CSC-C-3-P1Z	Push button + change over	1,7
CSC-P2Z	CSC-C-3-P2Z	Push button + change over	1,72
CSC-P3Z	CSC-C-3-P3Z	Push button + change over	1,74
CSC-1R1C	CSC-C-3-1R1C	Start-stop sel. switch + sel.switch	1,74
CSC-1R2C	CSC-C-3-1R2C	Start-stop sel. switch + sel.switch	1,76
CSC-1R3C	CSC-C-3-1R3C	Start-stop sel. switch + sel.switch	1,78
CSC-1R1Z	CSC-C-3-1R1Z	Start-stop sel. switch + change over	1,74
CSC-1R2Z	CSC-C-3-1R2Z	Start-stop sel. switch + change over	1,76
CSC-1R3Z	CSC-C-3-1R3Z	Start-stop sel. switch + change over	1,78
CSC-1X1C	CSC-C-3-1X1C	Start-stop sel. switch + sel.switch	1,73
CSC-1X2C	CSC-C-3-1X2C	Start-stop sel. switch + sel.switch	1,75
CSC-1X3C	CSC-C-3-1X3C	Start-stop sel. switch + sel.switch	1,77
CSC-1X1Z	CSC-C-3-1X1Z	Start-stop sel. switch + change over	1,73
CSC-1X2Z	CSC-C-3-1X2Z	Start-stop sel. switch + change over	1,75
CSC-1X3Z	CSC-C-3-1X3Z	Start-stop sel. switch + change over	1,77
CSC-1RL	CSC-C-3-1RL	Start-stop sel. switch + signal lamp	1,67
CSC-1XL	CSC-C-3-1XL	Start-stop sel. switch + signal lamp	1,66
CSC-1RH	CSC-C-3-1RH	Start-stop sel. switch + instrum.housing	1,67
CSC-1XH	CSC-C-3-1XH	Start-stop sel. switch + instrum.housing	1,66



Control station

EFDC...

FEATURES

The EFDC control stations are suitable for the control of and signalling to equipment either on-board or by remote and are used in the chemical, petrochemical and pharmaceutical industries and in any place where an explosion-proof installation is required. A feature of this push button is the possibility of applying up to four operators on the cover.

B

CONSTRUCTION

Cylindrical housing in copper-free aluminium alloy with stainless steel bushing and push button shaft. Stainless steel fixing screws for body and cover, lugs for wall mounting. Polycarbonate globe. Stainless steel earth screws. RAL 7035 epoxy coating. Two hubs diam. 1" ISO 7/1. Voltage/ampereage for standard utilization.

OPTIONS

Other threads on request.

TYPE OF PROTECTION



CE (Ex) II 2GD EEx-d IIC T5/T6 - IP 66



GOST R-Exd IIC

CERTIFICATE OF CONFORMITY



CESI 01 ATEX 092



POCC IT 05.B00685

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018 - EN 50281-1-1

INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Description	Weight Kg.
EFDC-21	EFDC-21	Push button	1,5
EFDC-25	EFDC-25	Pilot light	1,5
EFDC-22	EFDC-22	Double push button	1,6
EFDC-24	EFDC-24	Two pilot lights	1,6
EFDC-23	EFDC-23	Push button with pilot light	1,6
EFDC-27	EFDC-27	Triple push button	1,7
EFDC-20	EFDC-20	Three pilot lights	1,7
EFDC-28	EFDC-28	Two button panel with pilot light	1,7
EFDC-29	EFDC-29	Push button with two pilot lights	1,7
EFDC-30	EFDC-30	Four push buttons	1,8
EFDC-31	EFDC-31	Four pilot lights	1,8
EFDC-32	EFDC-32	Triple push button with pilot lights	1,8
EFDC-33	EFDC-33	Double push button with two pilot lights	1,8
EFDC-34	EFDC-34	Push button with three pilot lights	1,8

Code	Old code	Description	Weight Kg.
EFDC-21EMV	EFDC-21EMV	Emergency push button panel (break glass type) with hammer	1,4
EFDC-21EM	EFDC-21EM	Emergency push button panel with mushroom push button	1,4
EFDC-21EMR	EFDC-21EMR	Emergency push button with mushroom push button with reset (When it is pressed it must be rotated to release it)	1,4
EFDC-21EMC	EFDC-21EMC	Emergency push button with mushroom push button reset with key (When the push button is pressed the key must be used to reset it)	1,4
EFDC-21EMRV1	EFDC-21EMRV1	Emergency push button with mushroom push button with reset (When it is pressed it must be rotated to release it) and push button	1,4
EFDC-21EMRV2	EFDC-21EMRV2	Emergency push button with mushroom push button with reset (When it is pressed it must be rotated to release it) with push button and pilot light.	1,4
EFDC-21EMCV1	EFDC-21EMCV1	Emergency push button with mushroom push button reset with key (When the push button is pressed the key must be used to reset it) and push button	1,4
EFDC-21EMCV2	EFDC-21EMCV2	Emergency push button with mushroom push button reset with key (When the push button is pressed the key must be used to reset it) push button and pilot light.	1,4
EFDC-21/21	EFDC-21/21	Double casing : push button - push button	3,62
EFDC-25/21	EFDC-25/21	Double casing : pilot light - push button	3,62
EFDC-22/21	EFDC-22/21	Double casing : double push button - push button	3,62
EFDC-24/21	EFDC-24/21	Double casing : two pilot lights - push button	3,62
EFDC-23/21	EFDC-23/21	Double casing : push button with pilot light - push button	3,62
EFDC-27/21	EFDC-27/21	Double casing : three pole push button - push button	3,62
EFDC-20/21	EFDC-20/21	Double casing : three pilot lights - push button	3,62
EFDC-28/21	EFDC-28/21	Double casing : two button panel with pilot light - push button	3,62
EFDC-29/21	EFDC-29/21	Double casing : push button with two pilot lights - push button	3,62
EFDC-30/21	EFDC-30/21	Double casing : four push buttons - push button	3,62
EFDC-31/21	EFDC-31/21	Double casing : four pilot lights - push button	3,62
EFDC-32/21	EFDC-32/21	Double casing : triple push button with pilot light - push button	3,62
EFDC-33/21	EFDC-33/21	Double casing : double push button with two warning lights - push button	3,62
EFDC-34/21	EFDC-34/21	Double casing : push button with three warning lights - push button	3,62
EFDC-25/25	EFDC-25/25	Double casing : pilot light - pilot light	3,62
EFDC-22/25	EFDC-22/25	Double casing : double push button - pilot light	3,62

Code	Old code	Description	Weight Kg.
EFDC-24/25	EFDC-24/25	Double casing : two pilot lights - pilot light	3,62
EFDC-23/25	EFDC-23/25	Double casing : push button with pilot lights - pilot light	3,62
EFDC-27/25	EFDC-27/25	Double casing : triple push button - pilot light	3,62
EFDC-20/25	EFDC-20/25	Double casing : three pilot lights - pilot light	3,62
EFDC-28/25	EFDC-28/25	Double casing : double push button with pilot light - pilot light	3,62
EFDC-29/25	EFDC-29/25	Double casing : push button with two pilot lights - pilot light	3,62
EFDC-30/25	EFDC-30/25	Double casing : four push buttons - pilot light	3,62
EFDC-31/25	EFDC-31/25	Double casing : four pilot lights - pilot light	3,62
EFDC-32/25	EFDC-32/25	Double casing : triple push button with pilot lights - pilot light	3,62
EFDC-33/25	EFDC-33/25	Double casing : double push button with two pilot lights - pilot light	3,62
EFDC-34/25	EFDC-34/25	Double casing : push button with three pilot lights - pilot light	3,62
EFDC-22/22	EFDC-22/22	Double casing : double push button - double push button	3,62
EFDC-24/22	EFDC-24/22	Double casing : two pilot lights - double push button	3,62
EFDC-23/22	EFDC-23/22	Double casing : push button with pilot lights - double push button	3,62
EFDC-27/22	EFDC-27/22	Double casing : triple push button - double push button	3,62
EFDC-20/22	EFDC-20/22	Double casing : three pilot lights - double push button	3,62
EFDC-28/22	EFDC-28/22	Double casing : two buttons with pilot light - double push button	3,62
EFDC-29/22	EFDC-29/22	Double casing : push button with two pilot lights - double push button	3,62
EFDC-30/22	EFDC-30/22	Double casing : four push buttons - double push button	3,62
EFDC-31/22	EFDC-31/22	Double casing : four pilot lights - double push button	3,62
EFDC-32/22	EFDC-32/22	Double casing : triple push button with pilot lights - double push button	3,62
EFDC-33/22	EFDC-33/22	Double casing : double push button with two pilot lights - double push button	3,62
EFDC-34/22	EFDC-34/22	Double casing : push button with three pilot lights - double push button	3,62
EFDC-24/24	EFDC-24/24	Double casing : two pilot lights - two pilot light	3,62
EFDC-23/24	EFDC-23/24	Double casing : push button with pilot light - two pilot lights	3,62
EFDC-27/24	EFDC-27/24	Double casing : triple push button - two pilot lights	3,62
EFDC-20/24	EFDC-20/24	Double casing : three pilot lights - two pilot lights	3,62
EFDC-28/24	EFDC-28/24	Double casing : two button panel with pilot light - two pilot lights	3,62
EFDC-29/24	EFDC-29/24	Double casing : push button with two pilot lights - two pilot lights	3,62
EFDC-30/24	EFDC-30/24	Double casing : four buttons - two pilot lights	3,62
EFDC-31/24	EFDC-31/24	Double casing : four pilot lights - two pilot lights	3,62
EFDC-32/24	EFDC-32/24	Double casing : triple push button with pilot lights - two pilot lights	3,62
EFDC-33/24	EFDC-33/24	Double casing : double push button with two pilot lights - two pilot lights	3,62
EFDC-34/24	EFDC-34/24	Double casing : push button with three pilot lights - two pilot lights	3,62
EFDC-23/23	EFDC-23/23	Double casing : push button with pilot light - push button with pilot light	3,62
EFDC-27/23	EFDC-27/23	Double casing : triple push button - push button with pilot light	3,62

Code	Old code	Description	Weight Kg.
EFDC-20/23	EFDC-20/23	Double casing : three pilot lights - push button with pilot light	3,62
EFDC-28/23	EFDC-28/23	Double casing : two button panel with pilot light - push button with pilot light	3,62
EFDC-29/23	EFDC-29/23	Double casing : push button with two pilot lights - push button with pilot light	3,62
EFDC-30/23	EFDC-30/23	Double casing : four push buttons - push button with pilot light	3,62
EFDC-31/23	EFDC-31/23	Double casing : four pilot lights - push button with pilot light	3,62
EFDC-32/23	EFDC-32/23	Double casing : triple push button with pilot lights - push button with pilot light	3,62
EFDC-33/23	EFDC-33/23	Double casing : double push button with two pilot lights - push button with pilot light	3,62
EFDC-34/23	EFDC-34/23	Double casing : push button with three pilot lights - push button with pilot light	3,62
EFDC-27/27	EFDC-27/27	Double casing : triple push button - triple push button	3,62
EFDC-20/27	EFDC-20/27	Double casing : three pilot lights - triple push button	3,62
EFDC-28/27	EFDC-28/27	Double casing : triple push button with pilot lights - triple push button	3,62
EFDC-29/27	EFDC-29/27	Double casing : push button with two pilot lights - triple push button	3,62
EFDC-30/27	EFDC-30/27	Double casing : four buttons - triple push button	3,62
EFDC-31/27	EFDC-31/27	Double casing : four pilot lights - triple push button:	3,62
EFDC-32/27	EFDC-32/27	Double casing : triple push button with pilot lights - triple push button	3,62
EFDC-33/27	EFDC-33/27	Double casing : double push button with two pilot lights - triple push button	3,62
EFDC-34/27	EFDC-34/27	Double casing : push button with three pilot lights - triple push button	3,62
EFDC-20/20	EFDC-20/20	Double casing : three pilot lights - three pilot lights	3,62
EFDC-28/20	EFDC-28/20	Double casing : two button panel with pilot light - three pilot lights	3,62
EFDC-29/20	EFDC-29/20	Double casing : push button with two pilot lights - three pilot lights	3,62
EFDC-30/20	EFDC-30/20	Double casing : four push buttons - three pilot lights	3,62
EFDC-31/20	EFDC-31/20	Double casing : four pilot lights - three pilot lights	3,62
EFDC-32/20	EFDC-32/20	Double casing : triple push button with pilot light - three pilot lights	3,62
EFDC-33/20	EFDC-33/20	Double casing : double push button with two pilot lights - three pilot lights	3,62
EFDC-34/20	EFDC-34/20	Double casing : push button with three pilot lights - three pilot lights	3,62
EFDC-28/28	EFDC-28/28	Double casing : two button panel with pilot light - two button panel with pilot light	3,62
EFDC-29/28	EFDC-29/28	Double casing : push button with two pilot lights - two button panel with pilot light	3,62
EFDC-30/28	EFDC-30/28	Double casing : four push buttons - two button panel with pilot light	3,62
EFDC-31/28	EFDC-31/28	Double casing : four pilot lights - two button panel with pilot light	3,62
EFDC-32/28	EFDC-32/28	Double casing : triple push button with pilot lights - two button panel with pilot light	3,62
EFDC-33/28	EFDC-33/28	Double casing : double push button with two pilot lights - two button panel with pilot light	3,62
EFDC-34/28	EFDC-34/28	Double casing : push button with three pilot lights - two button panel with pilot light	3,62
EFDC-29/29	EFDC-29/29	Double casing : push button with two pilot lights - push button with two pilot lights	3,62
EFDC-30/29	EFDC-30/29	Double casing : four push buttons - push button with two pilot lights	3,62
EFDC-31/29	EFDC-31/29	Double casing : four pilot lights - push button with two pilot lights	3,62
EFDC-32/29	EFDC-32/29	Double casing : triple push button with pilot lights - push button with two pilot lights	3,62

Code	Old code	Description	Weight Kg.
EFDC-33/29	EFDC-33/29	Double casing : double push button with two pilot lights push button with two pilot lights	3,62
EFDC-34/29	EFDC-34/29	Double casing : push button with three pilot lights - push button with two pilot lights	3,62
EFDC-30/30	EFDC-30/30	Double casing : four push buttons - four push buttons	3,62
EFDC-31/30	EFDC-31/30	Double casing : four pilot lights - four push buttons	3,62
EFDC-32/30	EFDC-32/30	Double casing : triple push button with pilot lights - four push buttons	3,62
EFDC-33/30	EFDC-33/30	Double casing : double push button with two pilot lights - four push buttons	3,62
EFDC-34/30	EFDC-34/30	Double casing : push button with three pilot lights - four push buttons	3,62
EFDC-31/31	EFDC-31/31	Double casing : four pilot lights - four pilot lights	3,62
EFDC-32/31	EFDC-32/31	Double casing : triple push button with pilot lights - four pilot lights	3,62
EFDC-33/31	EFDC-33/31	Double casing : double push button with two pilot four two pilot lights	3,62
EFDC-34/31	EFDC-34/31	Double casing : double push button with three pilot lights - four pilot lights	3,62
EFDC-32/32	EFDC-32/32	Double casing : triple push button with pilot lights - triple push button with pilot lights	3,62
EFDC-33/32	EFDC-33/32	Double casing : double push button with two pilot lights - triple push button with pilot lights	3,62
EFDC-34/32	EFDC-34/32	Double casing : push button with three pilot lights - triple push button with pilot lights	3,62
EFDC-33/33	EFDC-33/33	Double casing : double push button with two pilot lights - double push button with pilot lights	3,62
EFDC-34/33	EFDC-34/33	Double casing : push button with three pilot lights - double push button with two pilot lights	3,62
EFDC-34/34	EFDC-34/34	Double casing : push button with three pilot lights - push button with three pilot lights	3,62



B

Breaker

EFD3...

FEATURES

EFD-3 series three pole, thermomagnetic breakers are used for command (start - stop) and protection of three-phase motors.
Circuit breaker with adjustable thermomagnetic protection and external control.

CONSTRUCTION

Body and cover of copper-free aluminium alloy. Stainless steel screws. Fixing lugs.
Internal/external earth screws. Ral 7035 epoxy coating.
Two hubs diam. 3/4" ISO 7/1.

OPTIONS

Altre filettature a richiesta.

TYPE OF PROTECTION



CE (Ex) II 2GD EEx-d IIB T5/T6 - IP 66



GOST R-Exd IIB

CERTIFICATE OF CONFORMITY



CESI 03 ATEX 172



POCC IT 05.B00685

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018 - EN 50281-1-1

INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Nominal current (Amp.)	Thermic range (Amp)	Weight Kg.
EFD 3	no	-	-	2,25
EFD3-02	EFD-302	0,25	0,16 - 0,25	2,25
EFD3-04	EFD-304	0,4	0,25 - 0,40	2,25
EFD3-06	EFD-306	0,6	0,40 - 0,60	2,25
EFD3-10	EFD-310	1	0,60 - 1,00	2,25
EFD3-16	EFD-316	1,6	1,00 - 1,60	2,25
EFD3-25	EFD-325	2,5	1,60 - 2,50	2,25
EFD3-40	EFD-340	4	2,50 - 4,00	2,25
EFD3-63	EFD-363	6	4,00 - 6,00	2,25
EFD3-100	EFD-3100	10	6,00 - 10,00	2,25
EFD3-160	EFD-3160	16	10,00 - 16,00	2,25
EFD3-200	no	20	16,00 - 20,00	2,25
EFD3-250	no	25	20,00 - 25,00	2,25



Instrument housings

CSC...

FEATURES

The CSC instrument housings are normally used to enclose analogue instruments with pointers such as ammeters and voltmeters.

B

CONSTRUCTION

Body and cover in copper-free aluminium alloy. Borosilicate glass. Stainless steel screws. Fixing lugs. Internal and external earth screws. Ral 7035 epoxy coating. Two hubs diam. 1" threaded ISO 7/1.

OPTIONS

Other threads on request.
Instruments.

TYPE OF PROTECTION



CE (Ex) II 2GD EEx-d IIC T6 - IP 66



GOST R-Exd IIC

CERTIFICATE OF CONFORMITY



CESI 01 ATEX 092



POCC IT 05.B00685

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018 - EN 50281-1-1

INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Glass diameter	Box type	Weight Kg.
CSC-H	CSC-C-3-H	52 mm.	single body	0,700
CSC-HH	no	52 mm.	double body	1,500



Instrument housings

EMHA...

FEATURES

The EMHA-9 instrument housings are normally used to enclose analogue instruments with pointers such as ammeters and voltmeters.

CONSTRUCTION

Body and cover in copper-free aluminium alloy. Borosilicate glass. Stainless steel screws. Fixing lugs. Internal and external earth screws. Ral 7035 epoxy coating. Two hubs diam. 3/4" threaded ISO 7/1.

OPTIONS

Other threads on request.
Instruments.

TYPE OF PROTECTION



CE (Ex) II 2GD EEx-d IIC T6 - IP 66



GOST R-Exd IIC

CERTIFICATE OF CONFORMITY



CESI 01 ATEX 092



POCC IT 05.B00685

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018 - EN 50281-1-1

INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Glass diameter	Weight Kg.
EMHA-9	EMHA-9	85 mm.	2,100



Instrument housings

CCA...H

B

FEATURES

The CCA..H series instrument housings are used to seat analogue and digital instruments such as ammeters and voltmeters..

The boxes can be drilled and threaded to the customer's specification.

CONSTRUCTION

Body and cover are made of copper-free aluminium alloy.
Front part in borosilicate glass.
Internal/external earth screws in stainless steel.
Fixing lugs. Ral 7035 epoxy coating.

OPTIONS

Mounting plate. Anti-condensation internal coating.
Drain and breather valve.
Instruments on request.

TYPE OF PROTECTION



CE (Ex) II 2GD EEx-d IIC T5/T6 - IP66



Ex-d IIC DIP A21 T5/T6 - IP 66



GOST R-Exd IIC

CERTIFICATE OF CONFORMITY



CESI 01 ATEX 034 U (component)
CESI 01 ATEX 036 (control, command and signalling unit)
CESI 03 ATEX 174 (interface unit)



AUS Ex 03.3893



POCC IT 05.B00461

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018/IEC 60079.1 - EN 50020/ IEC 60079.11 - EN 50281-1-1

INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Outside dimensions	Inside dimensions	Diameter	Weight Kg.
CCA-0H	CCA-0H	150 x 150 x 125	126 x 126 x 81	90	2,75
CCA-01H	CCA-01H	174 x 174 x 161	146 x 146 x 120	90	4,27
CCA-02H	CCA-02H	230 x 230 x 154	204 x 204 x 90	140	7,60
CCA-03H	CCA-03H	276 x 276 x 200	250 x 250 x 140	180	14,10
CCA-04H	no	430 x 430 x 290	398 x 398 x 200	310	31,00



Acoustic signals

ETH...

FEATURES

The ETH series acoustic signals are recommended when it is necessary the use of a signalling bell and/or alarm, in a potentially explosive atmosphere areas.
The sounds to select are five (BI-TONE - YELP - WAIL - INTERMITTENT - FIXED NOTE) or single (BI-TONE)

CONSTRUCTION

Body and cover in copper free aluminium alloy. Stainless steel screws.
One hub diam. 3/4" ISO 7/1 threaded. Ral 7000 epoxy coating.

OPTIONS

Other threads on request.
Other colours on request.

TYPE OF PROTECTION



CE (Ex) II 2G EEx-d IIC T4/T6 - IP 65

CERTIFICATE OF CONFORMITY



INERIS 02 ATEX 074 (AES) for ETH-12...
ISSEP 01 ATEX 014 (AES) for ETH-20...

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018

INSTALLATION

(according to EN 60079.10)

zone 1 - 2

Code	Old code	Selected sounds	Voltage	Frequency	Db	Weight Kg.
ETH-12MD/110VCA	no	5	110 V.	440 - 1600 Hz.	106	1,5
ETH-12MD/230VCA	no	5	230 V.	440 - 1600 Hz.	106	1,5
ETH-12MD/12/1T	no	1	12 - 24 V.	440 Hz.	102	1,5
ETH-12MD/12/5T	no	5	12 - 24 V.	440 - 1600 Hz.	102	1,5
ETH-12MD/48/5T	no	5	48 V.	440 - 1600 Hz.	102	1,5
ETH-20MD/110VCA	no	5	110 V.	440 - 900 Hz.	110	3,7
ETH-20MD/230VCA	no	5	230 V.	440 - 900 Hz.	110	3,7
ETH-20MD/12/5T	no	5	12 - 24 V.	440 - 900 Hz.	105 - 109	3,7



Sirens

ETS60...

B

FEATURES

The ETS serie sirens are recommended when it is necessary the use of a signalling bell and/or alarm, in a potentially explosive atmosphere areas.

CONSTRUCTION

Body and cover in copper free aluminium alloy. Stainless steel screws.
One hub diam. 3/4" ISO 7/1 threaded. Ral 7000 epoxy coating.

OPTIONS

Other threads on request.
Other colours on request.

TYPE OF PROTECTION



CE (Ex) II 2GD EEx-d IIC T6 - IP 65

CERTIFICATE OF CONFORMITY



INERIS 02 ATEX 001 (AES)

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018

INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Selected sounds	Voltage	Frequence	Db	Weight Kg.
ETS60/109DB12V	no	1	12 V.	1150 Hz.	109	2,3
ETS60/109DB24V	no	1	24 V.	1250 Hz.	109	2,3
ETS60/109DB115V	no	1	115 V.	1300 Hz.	109	2,3
ETS60/109DB230V	no	1	230 V.	13010Hz.	109	2,3
ETS60/114DB12V	no	-	12 V.	650 Hz.	114	2,5
ETS60/114DB24V	no	-	24 V.	650 Hz.	114	2,5
ETS60/114DB115V	no	-	115 V.	650 Hz.	114	2,5
ETS60/114DB230V	no	-	230 V.	650 Hz.	114	2,5



Thermostat

GUAB...

FEATURES

The GUAB 37ET thermostat can be used to read and control ambient temperatures in all types of explosion risk locations and highly chemically aggressive environments including marine locations.

CONSTRUCTION

Copper free aluminium alloy.
Stainless steel screws.
Sensor IMIT. AISI 316 stainless steel sensor sleeve.
One hub diam. 1" ISO 7/1 threaded.

OPTIONS

Other threads on request.
Epoxy coating on request.

TYPE OF PROTECTION



CE (Ex) II 2GD EEx-d IIC T6 - IP 66/67



CERTIFICATE OF CONFORMITY



CESI 03 ATEX 203 (ELFIT)



DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018 - EN 50281-1-1

INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Range temperature	Contets rating	Max bulb temperature	Weight Kg.
GUAB37TE	no	0 - 90° C.	5 Amp./ 250 VAC	150° C.	1,0



Electronic grounding system

GRD...

B

FEATURES

The GRD-4200 electronic equipment provides earthing for tanker lorries during loading and unloading operations for flammable liquids in places where there is danger of explosion. Functioning is based on reading the resistive parameter to guarantee the earthing connection and to control the pump during loading and unloading.

CONSTRUCTION

Body an dcover in copper-free aluminium alloy. Stainless steel closing bolts for cover. Internal/external earth screws. Fixing lugs. Connecting clamp complete with 8 meters of cable. Push button insertion, red stop light and green go light. Internal electronic earthing system. Nickel-plated brass cable gland. Ral 7035 epoxy coating. Two hubs diam. 3/4" ISO 7/1 threaded.

OPTIONS

Other threads on request. Other voltage on request. IP 66 kit. Internal anti-condensation coating. Drain and breather valve.

TYPE OF PROTECTION



CE (Ex) II 2(1)GD EEx-d(ia) IIB T5 - IP 65/66/67



GOST R-Exd IIB

CERTIFICATE OF CONFORMITY



CESI 02 ATEX 073



POCC IT 05.B00679

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018 - EN 50020 - EN 50281-1-1

INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Outside dimensions	Feeding	Power absorbed	Weight Kg.
GRD-4200	GRD-4200	358 x 278 x 208	220 V - 50 Hz	3 W	20



Grounding clamp

PMT...

FEATURES

The PMT earthing clamp is used to connect tankers to earth during loading and unloading operations. Contact with the earth is made inside the body of the clamp in an EEx-d chamber only after the clamp has been connected to the local earth installation.

CONSTRUCTION

Body covered in nylon.
External contact elements in phosphor bronze. Interiors in brass.
Nickel-plated brass cable gland.

OPTIONS

TYPE OF PROTECTION



CE (Ex) II 2GD EEx-d IIC T6 - IP 66/67



GOST R-Exd IIC

CERTIFICATE OF CONFORMITY



CESI 03 ATEX 201



POCC IT 05.B00679

DIRECTIVE • CODES

94/9/EC • EN 50014 - EN 50018 - EN 50281-1-1

INSTALLATION

(according to EN 60079.10)

zone 1 - 2 - 21 - 22

Code	Old code	Cable diameter Ø	Thickness of the connecting plate	Weight Kg.
PMT-B2	PMT-B2	11 - 14	4 - 7	0,8
PMT-C2	PMT-C2	14 - 17	4 - 7	0,8