

ESECUZIONE: EEx-d IIC II2GD
 CERTIFICATO: KEMA 01ATEX2244
 INSTALLAZIONE: zona 1 - zona 2
 T class: T5 - T4 - T3 (EN 50014)
 T95°C - T 130°C
 (EN 50281-1-1)
 T amb. standard -20°C +40°C
 T amb. special -45°C +80°C

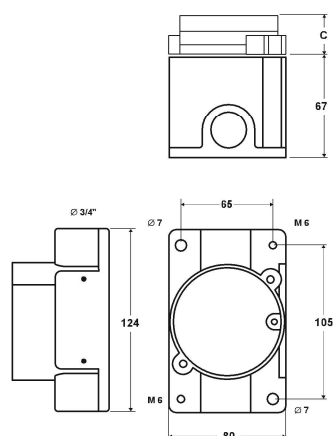
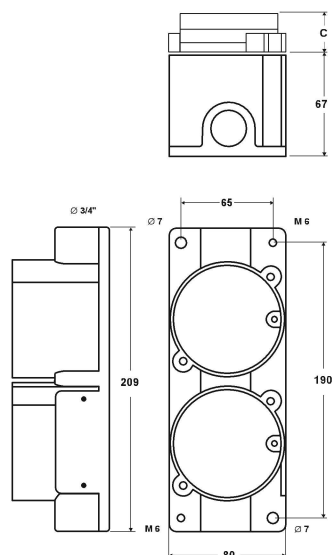
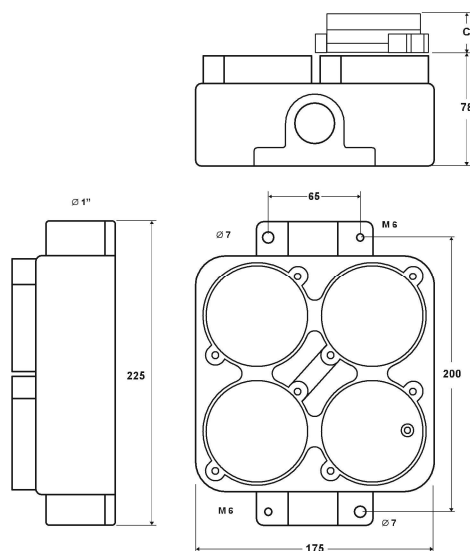
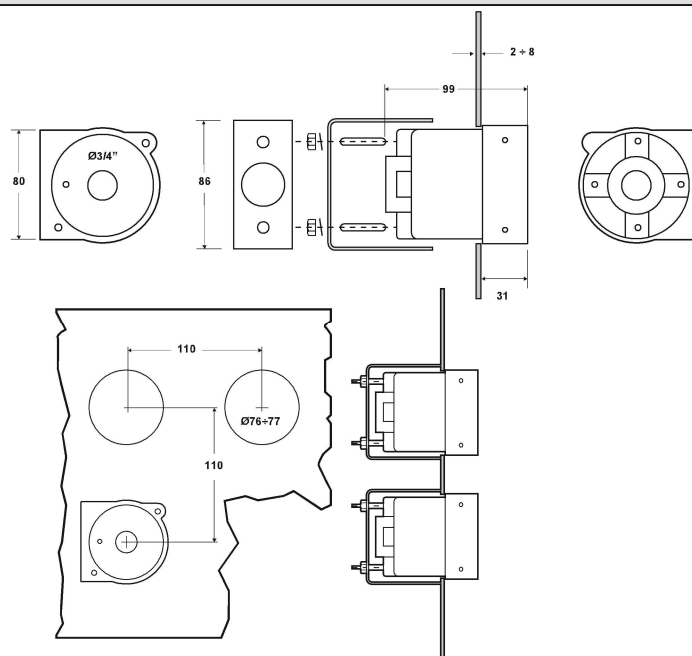
EXECUTION: EEx d IIC Group II2GD
 CERTIFICATE: KEMA 01ATEX2244
 INSTALLATION: zone 1 - zone 2
 zone 21 - zone 22
 T5 - T4 - T3 (EN 50014)
 T95°C - T 130°C
 (EN 50281-1-1)
 T amb. standard -20°C +40°C
 T amb. special -45°C +80°C

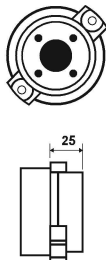
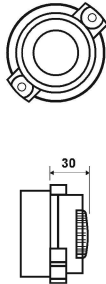
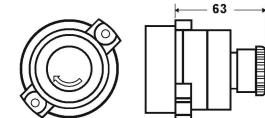
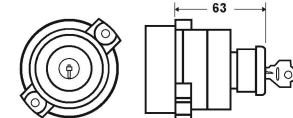
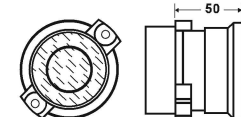
Caratteristiche

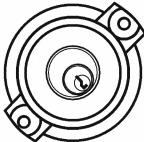
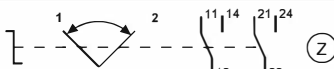
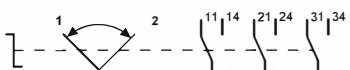
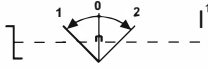
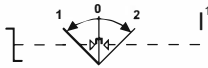
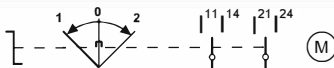
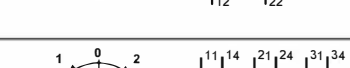
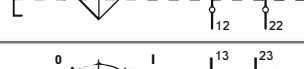
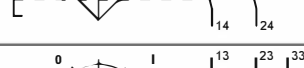
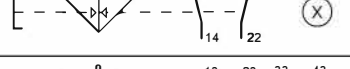
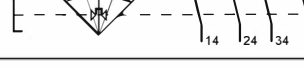
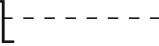
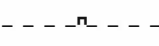
Custodie per installazione di combinazioni di pulsanti, selettori e segnalatori luminosi
 Materiali : Lega leggera
 A richiesta Viti di acciaio inox - guarnizioni al silicone

Features

Enclosures, for installation of multiple push buttons, selectors and signaling lamps
 Materials : Light alloy (aluminium)
 Optional Stainless screws - silicon gaskets

**EFDC 363****EFDC 26****EFDC 262****EFDC 364****EFDC ../Q**

EFD		PULSANTE DI ARRESTO STOP PUSH BUTTON	DENOMINAZIONE DESIGNATION		CONTATTI CONTACTS	DESCRIZIONE DESCRIPTION
			EFD 0 EFD 0S		1 NC 1 NO+1 NC	Pulsante nero Black button Targa rossa Red label
	PULSANTE DI MARCIA START PUSH BUTTON		DENOMINAZIONE DESIGNATION		CONTATTI CONTACTS	DESCRIZIONE DESCRIPTION
			EFD 1 EFD 1S		1 NO 1 NO+1 NC	Pulsante nero Black button Targa verde Green label
EFD		PULSANTE DI EMERGENZA EMERGENCY PUSH BUTTON	DENOMINAZIONE DESIGNATION		CONTATTI CONTACTS	DESCRIZIONE DESCRIPTION
			EFD 0F EFD 0SF		1 NC 1 NO+1 NC	Fungo rosso Ø 35 mm Red mushroom Ø 35 mm Targa gialla Yellow label
	PULSANTE DI EMERGENZA CON AGGANCIO STAY PUT EMERGENCY PUSH BUTTON		DENOMINAZIONE DESIGNATION		CONTATTI CONTACTS	DESCRIZIONE DESCRIPTION
			EFD 0F/B EFD 0SF/B		1 NC 1 NO+1 NC	Sblocco a trazione Pull to release Fungo rosso Ø 35 mm Red mushroom Ø 35 mm Targa gialla Yellow lab
EFD		PULSANTE DI EMERGENZA CON AGGANCIO STAY PUT EMERGENCY PUSH BUTTON	DENOMINAZIONE DESIGNATION		CONTATTI CONTACTS	DESCRIZIONE DESCRIPTION
			EFD 0FB EFD 0SFB		1 NC 1 NO+1 NC	Sblocco a rotazione Twist to release Fungo rosso Ø 39 mm Red mushroom Ø 39 mm Targa gialla Yellow label
EFD		PULSANTE DI EMERGENZA CON AGGANCIO STAY PUT EMERGENCY PUSH BUTTON	DENOMINAZIONE DESIGNATION		CONTATTI CONTACTS	DESCRIZIONE DESCRIPTION
			EFD 0F/BY EFD 0SF/BY EFD 9YF EFD 9YFS		1 NC 1 NO+1 NC 2 NO 1 NC+1 NO	Sgancio a chiave Key released Fungo rosso Ø 39 mm Red mushroom Ø 39 mm Targa gialla Yellow label Pulsante nero con blocco in entrambe le posizioni Both position black key locked push button
EFD		PULSANTE DI EMERGENZA CON VETRO EMERGENCY PUSH BUTTON WITH GLASS	DENOMINAZIONE DESIGNATION	CONTATTI CONTACTS	DESCRIZIONE DESCRIPTION	
			EFD (0E) EFD (0SE) EFD (1E) EFD (1SE) EFD (0BE) EFD (0SBE)	1 NC 1 NC+1 NO 1 NO 1 NO+1NC 1 NC 1 NC+1 NO	Rompi il vetro e premi (ritorno a molla) Break the glass and push (automatic spring return) Rompi il vetro (ritorno a molla) Break the glass (autom. spring return) Rompi il vetro e premi con aggancio, sblocco a trazione Break the glass and push, pull to release Fungo rosso Ø35 mm Red mushroom Ø35 mm Targa rossa Red label Martello in acciaio zincato con catena inox (peso : 150 gr) Glavanized steel hammer with chain (weight : 150 gr)	
EFD		SEGNALATORI LUMINOSI PILOT LIGHT STATION	DENOMINAZIONE DESIGNATION	TENSIONE VOLTAGE	COLOER COLOUR	ATTACCO CAPS
			EFD B EFD R EFD V EFD G EFD A EFD L	12÷230V max 5W 12÷230V max 5W 12÷230V max 5W 12÷230V max 5W 12÷230V max 5W 12÷230V max 5W	Bianco/White Rosso/Red Verde/Green Giallo/Yellow Azzurro/Blue Transparent for led	E14 E14 E14 E14 E14 BA9s
Caratteristiche elementi di contatto: Elementi di contatto autopulenti dorati Corrente nominale : 10A (400Vac) Morsetti : a vite con serrafilo 2x2,5mm²			Electrical contacts characteristics Self cleaning golden plate contacts Rated current : 10A (400Vac) Terminals : On screw with plate clamp 2x2,5mm²			

EFD 9Y INTERRUPTORE A CHIAVE SWITCH WITH KEY													
	EFD 5							1	2				
				11-12	X	O							
				12-14	O	X							
	EFD 52							1	2				
				11-12	X	O							
				12-14	O	X							
				21-22	X	O							
	EFD 53							1	2				
				11-12	X	O							
				12-14	O	X							
				21-22	X	O							
	EFD 50							1	0	2			
				11-12	X	O	O						
				12-14	O	O	X						
	EFD 50+							1	0	2			
				11-12	X	O	O						
				12-14	O	O	X						
	EFD 502							1	0	2			
				11-12	X	O	O						
				12-14	O	O	X						
				21-22	X	O	O						
	EFD 502+							1	0	2			
				11-12	X	O	O						
				12-14	O	O	X						
				21-22	X	O	O						
	EFD 503							1	0	2			
				11-12	X	O	O						
				12-14	O	O	X						
				21-22	X	O	O						
	EFD 6							0	I				
				13-14	O	X							
				23-24	O	X							
	EFD 63							0	I				
				13-14	O	X							
				23-24	O	X							
				33-34	O	X							
	EFD 64							0	I				
				13-14	O	X							
				23-24	O	X							
				33-34	O	X							
	EFD 7							0	*	I			
				13-14	O	O	X						
				21-22	O	X	X						
	EFD 8							0	*	I			
				13-14	O	O	X						
				21-22	O	X	X						
	EFDY							0	*	I	*	2	
				13-14	X	O	O	O	O	O	O	O	
				23-24	X	X	O	O	O	O	O	O	
				33-34	O	O	O	O	O	O	X	X	
	EFD												
				13-14									
				23-24									
				33-34									
	EFD..												
				13-14									
				23-24									
				33-34									
CARATTERISTICHE ELEMENTI DI CONTATTO		SIMBOLI SCHEMA ELETTRICO E FUNZIONALE ELECTRICAL AND ARRANGEMENT SYMBOLS											
Elementi di contatto autopulenti dorati Corrente nominale : 16A Morsetti : a vite con serrafilo 2x2,5mm ²			Ritorno a molla Spring return										
			Comando rotativo Rotary command										
			Dispositivo di blocco a richiesta Locking device upon request										
ELECTRICAL CONTACTS CHARACTERISTICS			Contatto aperto Opened contact										
Self cleaning golden plate contacts Rated current : 16A Terminals : On screw with plate clamp 2x2,5mm ²			Contatto chiuso Closed contact										
			Contatto senza interruzione Contact without interruption										

ESECUZIONE: EEx-d IIC II2GD IP 66
CERTIFICATO: KEMA 01ATEX2244
INSTALLAZIONE: zona 1 - zona 2 - zona 21 - zona 22
T class: T5 - T4 - T3 (EN 50014)
T 95°C - T 130°C - T 195°C (EN 50281-1-1)
T amb. standard -20°C +40°C
T amb. special -45°C +80°C

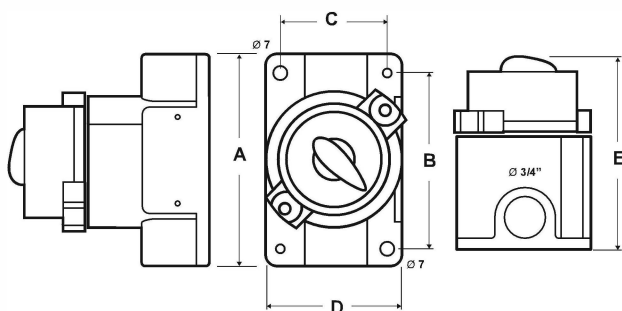
EXECUTION: EEx d IIC Group II2GD IP 66
CERTIFICATE: KEMA 01ATEX2244
INSTALLATION: zone 1 - zone 2 - zone 21 - zone 22
T class: T5 - T4 - T3 (EN 50014)
T 95°C - T 130°C - T 195°C (EN 50281-1-1)
T amb. standard -20°C +40°C
T amb. special -45°C +80°C

Caratteristiche

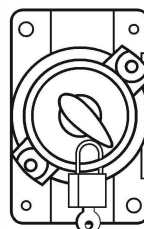
Interruttori semirotativi a cammes con comando frontale
Materiali : Lega leggera
A richiesta Viti di acciaio inox - guarnizioni al silicone

Features

Cam rotary switches with frontal drive
Materials : Light alloy (aluminium)
Optional Stainless screws - silicon gaskets



DENOMINAZIONE DESIGNATION	CORRENTE CURRENT	DIMENSIONI DIMENSIONS					POLI POLES
sigla-item		A	B	C	D	E	
EFSC 26	16A	124	105	65	80	112	2
EFSC 36	16A	124	105	65	80	112	3
EFSC 46	16A	124	105	65	80	112	4



Lucchettabile
Aggiungere al codice il
suffisso L

Padlocking
Add to code the suffix L

ESECUZIONE: EEx-d IIC II2GD IP 66
CERTIFICATO: KEMA 01ATEX2246
INSTALLAZIONE: zona 1 - zona 2 - zona 21 - zona 22
T class: T6 - T5 - T4 (EN 50014)
T 80°C - T 95°C - T 130°C (EN 50281-1-1)
T amb. standard -20°C +40°C
T amb. special -50°C +80°C

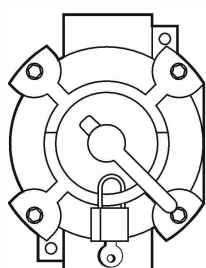
EXECUTION: EEx d IIC Group II2GD IP 66
CERTIFICATE: KEMA 01ATEX2246
INSTALLATION: zone 1 - zone 2 - zone 21 - zone 22
T class: T6 - T5 - T4 (EN 50014)
T 80°C - T 95°C - T 130°C (EN 50281-1-1)
T amb. standard -20°C +40°C
T amb. special -50°C +80°C

Caratteristiche

Interruttori semirotativi a cammes con comando frontale
Materiali : Lega leggera
A richiesta: Viti di acciaio inox - guarnizioni al silicone

Features

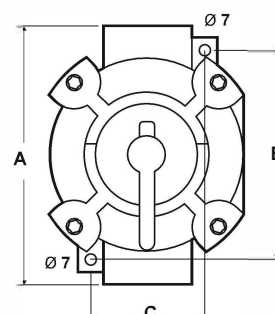
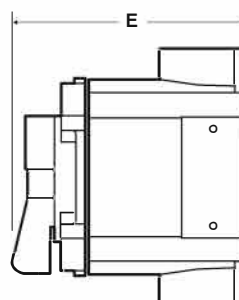
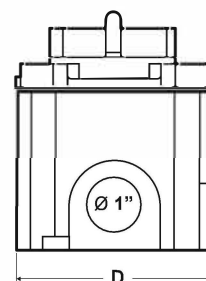
Cam rotary switches with frontal drive
Materials : Light alloy (aluminium)
Optional : Stainless screws - silicon gaskets



Lucchettabile
Aggiungere al codice il
suffisso L

Padlocking
Add to code the suffix L

DENOMINAZIONE DESIGNATION	CORRENTE CURRENT	DIMENSIONI DIMENSIONS					POLI POLES
sigla-item		A	B	C	D	E	
SEL 325	32A	150	119	65	110	135	3
SEL 425	32A	150	119	65	110	135	4
SEL 625	32A	150	119	65	110	135	6
SEL 825	32A	150	119	65	110	135	8



EJB ../CB

CASSETTA CON INTERRUTTORI MAGNETOTERMICI ENCLOSURE WITH CIRCUIT BREAKERS

ESECUZIONE: EEx d IIB II2G II2GD
CERTIFICATO: KEMA 01ATEX2257
INSTALLAZIONE: zona 1 - zona 2 - zona 21 - zona 22
T class: T6 - T5 (EN 50014)
T80°C - T 130°C (EN 50281-1-1)
T amb. standard -20°C +40°C
T amb. special -50°C +60°C

EXECUTION: EEx d IIB Group II2G II2GD
CERTIFICATE: KEMA 01ATEX2257
INSTALLATION: zone 1 - zone 2 - zone 21 - zone 22
T class: T6 - T5 (EN 50014)
T80°C - T 130°C (EN 50281-1-1)
T amb. standard -20°C +40°C
T amb. special -50°C +60°C

Caratteristiche
Cassetta con interruttori magnetotermici
Materiali : Lega leggera
A richiesta Viti di acciaio inox - guarnizione IP 66

Features
Enclosure with circuit breakers
Materials : Light alloy (aluminium)
Optional Stainless steel screws - gasket IP 66



DENOM. DESIGN.	N° MAX INTERRUTTORI MAGNETOTERMICI MAX N° OF CIRCUIT BREAKERS			N° MAX INTERRUTTORI MAGNETOTERMICI CON DIFFERENZIALE MAX N° OF CIRCUIT BREAKERS WITH RESIDUAL CURRENT DEVICE		
	2 poli 2 poles	3 poli 3 poles	4 poli 4 poles	2 poli 2 poles	3 poli 3 poles	4 poli 4 poles
Cassetta Enclosure						
EJB 755A	1 (63A)	1 (63A)	1 (63A)	1 (63A)	-	-
EJB 1076A	1 (63A)	1 (63A)	1 (63A)	1 (63A)	1 (63A)	1 (63A)
EJB 1286A	3 (25A)	3 (25A)	3 (25A)	3 (25A)	3 (25A)	3 (25A)
EJB 14107A	8 (25A)	5 (25A)	5 (25A)	4 (25A)	4 (25A)	2 (25A)
EJB 17129A	14 (25A)	12 (25A)	10 (25A)	10 (25A)	6 (25A)	6 (25A)
EJB 221410A	18 (25A)	16 (25A)	12 (25A)	12 (25A)	8 (25A)	8 (25A)

EJB-544/SM

CASSETTA CON INTERRUTTORE PER PROTEZIONE MOTORI ENCLOSURE WITH CIRCUIT BREAKERS FOR PROTECTION MOTOR

ESECUZIONE: EEx d IIB II2G II2GD
CERTIFICATO: KEMA 01ATEX2257
INSTALLAZIONE: zona 1 - zona 2 - zona 21 - zona 22
T class: T6 - T5 (EN 50014)
T80°C - T 130°C (EN 50281-1-1)
T amb. standard -20°C +40°C
T amb. special -50°C +60°C

EXECUTION: EEx d IIB Group II2G II2GD
CERTIFICATE: KEMA 01ATEX2257
INSTALLATION: zone 1 - zone 2 - zone 21 - zone 22

T class: T6 - T5 (EN 50014)
T80°C - T 130°C (EN 50281-1-1)
T amb. standard -20°C +40°C
T amb. special -50°C +60°C

Caratteristiche
Cassetta con interruttore per protezione motori
Materiali : Lega leggera
A richiesta Viti di acciaio inox - guarnizione IP 66

Features
Enclosure with circuit breaker for protection of motors
Materials : Light alloy (aluminium)
Optional Stainless steel screws - gasket IP 66



DENOMINAZIONE DESIGNATION	CORRENTE CURRENT	POTENZA NOM. RATED POWER	POTENZA NOM. RATED POWER
sigla - item	[A]	Kw@230V	Kw@400V
EJB 544/SM 01	0,10 ÷ 0,16	-	-
EJB 544/SM 02	0,16 ÷ 0,25	-	0,06
EJB 544/SM 03	0,25 ÷ 0,4	0,06	0,09
EJB 544/SM 04	0,40 ÷ 0,63	-	0,12
EJB 544/SM 05	0,63 ÷ 1	-	0,25
EJB 544/SM 06	1 ÷ 1,6	0,25	0,37
EJB 544/SM 07	1,6 ÷ 2,5	0,37	0,75
EJB 544/SM 08	2,5 ÷ 4	0,75	1,1
EJB 544/SM 10	4 ÷ 6,30	1,1	2,2
EJB 544/SM 14	6 ÷ 10	2,20	3
EJB 544/SM 16	9 ÷ 14	3	5,5
EJB 544/SM 20	13 ÷ 18	4	7,5
EJB 544/SM 21	17 ÷ 23	5,5	9
EJB 544/SM 22	20 ÷ 25	5,5	11
EJB 544/SM 32	24 ÷ 32	7,5	15

EFSC

ESECUZIONE:	EEx-d IIB	IIGD
	IP 65	
CERTIFICATO:	CESI 02ATEX140	
T class:	T6 - T85°C	
T amb. standard	-20°C +50°C	

EXECUTION: EEx d IIB Group II2GD
IP 65

CERTIFICATE: CESI 02ATEX140
T class: T6 - T85°C
T amb. standard -20°C +50°C

Caratteristiche

Custodia in lega leggera con viteria in acciaio inox.
Verniciatura esterna epossivinilica RAL 7000.

A richiesta

Disponibili con manovra lucchettabile.

Dati di targa

$I_{\max} = 63\text{A}$ (in AC1) – $V_{\max} = 690\text{ V c.a.}$

General data

Enclosure in light alloy with external bolts and screw in stainless steel. RAL 7000 external epoxyvinyl coating.

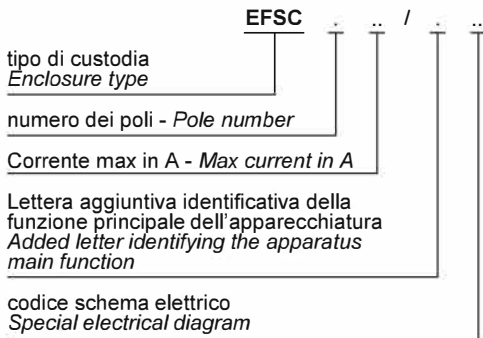
On request

Available with locking movement.

Rating

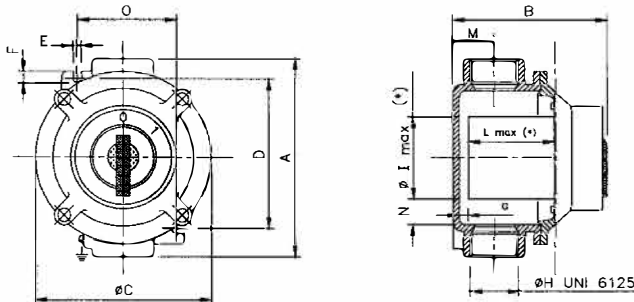
$I_{max} = 63A$ (in AC1) – $V_{max} = 690 V$ c.a.

Identificazione costruzione elettrica
Electrical apparatus identification



INTERRUTTORE - COMMUTATORE - DEVIATORE - INVERTITORE - INSERITORE
SWITCH - COMMUTATOR - DEVIATION SWITCH - REVERSER - CONNECTOR

	DIMENSIONI <i>DIMENSIONS</i>													
Fino a Up to	A	B	C	D	E	F	G	H	I	L	M	N	O	PESO WEIGHT (g)
Max 32A	156	118	131	108	7	15	5	1"	70	63	30	13	76	1300
Max 63A	195	145	167	140	9	19	7	1 1/2"	90	81	41	21	95	2200



DENOM. DESIG.	ELEMENTI DI CONTATTO CONTACT ELEMENTS	LETTERA AGG. IDENTIFICATIVA ADDED IDENTIFYING LETTER	PESO WEIGHT
sigla - item			(g)
EFSC 325	INTERRUTTORE TRIPOLARE THREE POLE SWITCH	—	1300
EFSC 425	INTERRUTTORE TETRAPOLARE TETRAPOLAR SWITCH	—	1300
EFSC 332	INTERRUTTORE TRIPOLARE THREE POLE SWITCH	—	1300
EFSC 432	INTERRUTTORE TETRAPOLARE TETRAPOLAR SWITCH	—	1300
EFSC 340	INTERRUTTORE TRIPOLARE THREE POLE SWITCH	—	2300
EFSC 440	INTERRUTTORE TETRAPOLARE TETRAPOLAR SWITCH	—	2300
EFSC 363	INTERRUTTORE TRIPOLARE THREE POLE SWITCH	—	2300
EFSC 463	INTERRUTTORE TETRAPOLARE TETRAPOLAR SWITCH	—	2300
EFSC.../C	(*)COMMUTATOREuno o più poli fino a 32A (*)COMMUTATOR one or several pole up to 32A	C	
EFSC.../D	(*)DEVIATORE uno o più poli fino a 32A (*)DEVIATION SWITC one or several pole up to 32A	D	
EFSC.../I	(*)INVERTITORE uno o più poli fino a 32A (*)REVERSER one or several pole up to 32A	I	
EFSC.../M...	(*)INSERTITORE uno o più poli fino a 32A (*)CONNECTOR one or several pole up to 32A	M seguito dal codice dello schema Followed by diagram code	

(*) Dimensioni massime del selettore - (*) Maximum dimensions of selector switch

IM - IMV **INTERRUTTORI MAGNETICI**
PROXIMITY SWITCHES

ESECUZIONE: EEEx-d IIC II2GD IP 65
CERTIFICATO: CESI 03ATEX033X
T class: T6 - T85°C

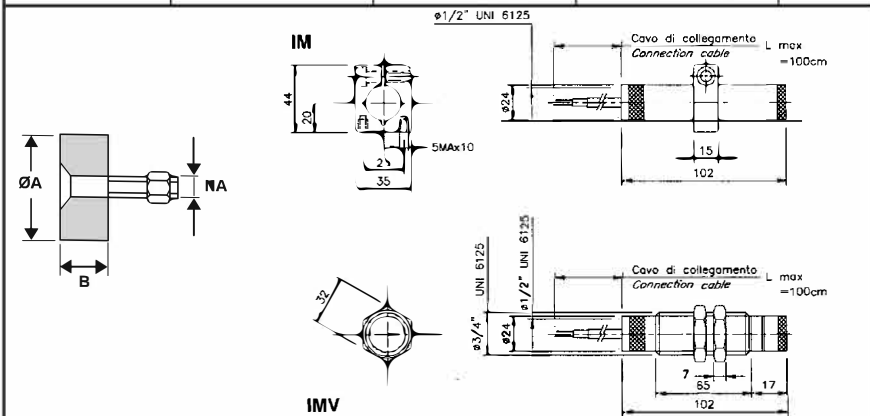
EXECUTION: EEx d IIC Group II2GD IP 65
 CERTIFICATE: CESI 03ATEX033X
 T class: T6 - T85°C

Caratteristiche

Consentono un'elevata intensificazione di controlli senza contatto fisico. Ciò è soprattutto utile quando è necessario rilevare o contare oggetti con notevole velocità; inoltre non essendo sottoposti ad una meccanica hanno una durata praticamente illimitata. Ideali per impieghi in ambienti critici con presenza di oli, grassi, liquidi, polveri, ecc. L'azionamento dell'interruttore avviene mediante magneti permanente. Custodia esterna e accessori di fissaggio in acciaio inox ASI 316

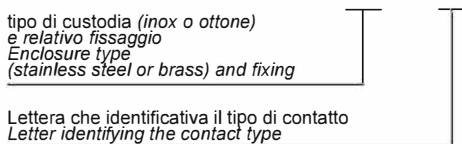
General data

They permit a high intensification of the control without physical contact. This is especially useful when recording or numerical terms at a high velocity is necessary; furthermore not being permitted to mechanical wear their life is practically unlimited. Ideal for use in critical environments with presence of oil, greases, liquid, dust, etc. Switch actuation by means of a permanent-magnet. External enclosure and fixing accessories are ASI 316 stainless steel



MAGNETE PERMANENTE PERMANENT MAGNET				DISTANZA DI AZIONAMENTO ACTUATION DISTANCE	PESO WEIGHT
sigla - item	A	B	MA		(g)
M 1	23	7	3 x 15	3 ÷ 7	15
M 2	23	11	4 x 20	5 ÷ 12	20
M 3	23	17	5 x 22	12 ÷ 25	60

Identificazione costruzione elettrica
Electrical apparatus identification



Lettera che identificava il tipo di contatto
Letter identifying the contact type