

SOLUTIONS FOR SAFETY

electrahertz
electrical suppliers

Lovato electric
ENERGY AND AUTOMATION

Introducing:
BFS SAFETY CONTACTORS

NEW



INTEGRATED SECURITY: NON-REMOVABLE AUXILIARY BLOCKS TO ELIMINATE TAMPERING.

PHYSICAL SAFEGUARDS: GUARDED HOUSING PREVENTS MANUAL OR TOOL-ASSISTED OVERRIDE.

INSTANT IDENTIFICATION: YELLOW HOUSING FOR EASY SAFETY CIRCUIT RECOGNITION.

DIRECT VISIBILITY: CONTACTOR STATUS IS VISIBLE THROUGH A CLEAR FRONT WINDOW.

Scan QR for technical docs

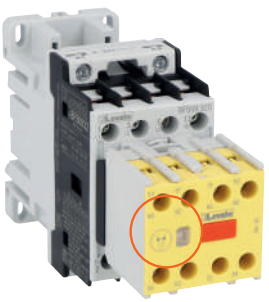
- **INSTANT IDENTIFICATION**



- **INTEGRATED SECURITY**



- **PHYSICAL SAFEGUARDS**
- **DIRECT VISIBILITY**



Safety solutions:

LOVATO Electric offers a wide range of safety devices designed to ensure maximum protection and reliability in every industrial application.





Safety contactors *(New)*



Illuminated "emergency" **disk - emergency stop pushbutton** *(D-8)*



Control stations and emergency stop *(D-11)*



Safety limit & Rope-pull lever limit switches *(K-48)*

New





BFS...

Contactors for safety applications

BFS series safety contactors feature **built-in fail-safe mechanisms** and **redundant disconnection** to ensure **critical systems are safely stopped** in the event of a fault.

Designed for high-risk environments, these contactors provides reliable operator and equipment protection in full **compliance** with international safety protocols.

General features:
- Auxiliary contacts with yellow covers to highlight their role in the safety circuit
- Non-removable auxiliary contact blocks to prevent tampering
- Manual operation prevented, eliminating accidental actuation
- Clear contactor status indication *(open/closed)*, visible from the front

Applications: Engineered for high-integrity safety circuits in automation panels (OEMs), material handling, and robotics. Ideal for safeguarding industrial machinery and process control systems where reliability is non-negotiable.

Certifications:
- **ISO 13849-1:** Safety of machinery - Safety-related parts of control systems
- **IEC/EN 62061:** Safety of machinery - Functional safety of safety-related control systems

Mirror contact function:
- The NC auxiliary contact cannot close while the NO main contact is closed, even in a fault condition *(e.g. main contact welding)*

Mechanically linked contacts function:
- The NO and NC auxiliary contacts cannot close simultaneously, even in a fault condition. *(e.g. welding of NO or NC contacts)*

BFS series - Safety contactors

type	rated current (AC1)	rated current (AC3)	kW rating (AC3) 400V	coil voltage	description	auxiliary contacts	price
BFS0923A...	25A	9A	4.2 kW	*	safety contactor	2NO+3NC	**1 832.25**
BFS2523A...	32A	25A	12.5 kW	*	safety contactor	2NO+3NC	**2 688.00**
BFS3822A...	56A	38A	18.5 kW	*	safety contactor	2NO+2NC	**4 267.20**
* *Standard coil voltages (add to part number):* ***AC*** *- 110/230V (eg. BFS0923A230)*							
BFS0923D024	25A	9A	4.2 kW	24 VDC	safety contactor	2NO+3NC	**2 274.30**
BFS2523D024	32A	25A	12.5 kW	24 VDC	safety contactor	2NO+3NC	**3 279.15**
BFS3822D024	56A	38A	18.5 kW	24 VDC	safety contactor	2NO+2NC	**4 323.90**





LPX DAU115...

Illuminated "Emergency Stop" disc - *for 22 mm mushroom head pushbuttons*

Illuminated Emergency Stop discs remain highly recognisable in poor visibility, instantly showing which mushroom has been activated.

Two lighting modes: steady or flashing are selectable via wiring, with discs fitting Ø22 mm LPC *(plastic-chrome)* and LPS *(metal)* operators.

type	colour	supply	lamp	description	
LPX DAU115024	yellow	24 VAC/DC	LED	illuminated emergency disc	Ø60 mm **563.85**
LPX DAU115230	yellow	240 VAC	LED	illuminated emergency disc	Ø60 mm **619.50**



LPZ P1B5600

Complete pushbutton stations - 1-way pushbutton stations

type	button colour	contact	cover colour	description	dimensions (mm) (H)	(W)	(D)	
LPZ P1B5600	red	1 x NC	yellow	latch mushroom twist release	72	72	56	**1 060.50**