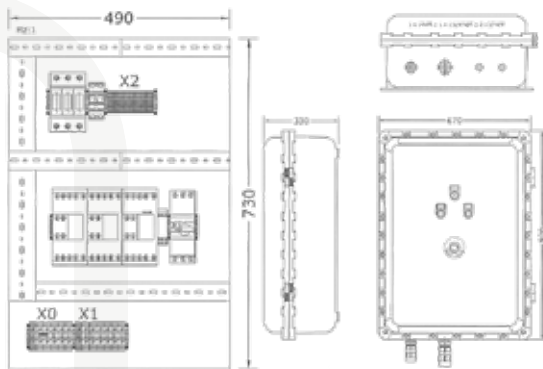


# EX D STAR-DELTA STARTER

Zones 1, 2, 21, 22

## Ex d ENCLOSURES

ZONES 1, 2 (gas) & 21, 22 (dust)



This flameproof local control panel is designed for motor starting and control in potentially explosive atmospheres. This specific configuration integrates a 37 kW Eaton-Möller star-delta starter, motor protection, fuse holder, miniature circuit breaker, connection terminals and door-mounted control devices, including signal lamp, start/stop push buttons and emergency stop.

The painted aluminium enclosure provides a robust solution for demanding industrial applications in hazardous areas with the presence of gas or combustible dust.

The unit is supplied wired according to the customer's diagram, ready for power supply, motor and auxiliary signal connections.



EU-Type Examination Certificate

### ITEM REFERENCES

Designation:	Configuration:	Item No.:
Ex d Star-Delta Starter	1 Signal lamp green 230VAC, 1 push button green 2NO "Start", 1 push button red 2NC "Stop", 1 EM stop 2NC	

### TECHNICAL SPECIFICATIONS

Marking:	II 2G Ex db IIB+H2 T6 Gb II 2D Ex tb IIIC T85°C Db IP66
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +40°C
Material:	Aluminium painted grey (external), orange (internal)
Ingress protection:	IP66
Dimensions:	External: 920x670x330 mm / Mounting plate: 730x490 mm
Content:	1 star-delta combination Eaton-Möller SDAINLN70 37kW 1 motor protector Eaton Möller PKZM4-63 1 3-pole fuse holder LT050U with fuse insert 80A 1 2-pole MCB Eaton-Möller FAZ-C6/1N 1 terminal row X0 with 5 x UT 35 + 1 x UT 35 PE (input 3-phase +N) 1 terminal row X1 with 6 x UT 35 + 1 x UT 35 PE (motor) 1 terminal row X2 with 14 x UT 2.5 (internal wiring)
Pvmax:	402 W @ Ta = 40°C
Cable entries:	1 nickel plated brass barrier gland Type PMAX3NB for armoured cable ID 14-23 mm OD 18-30 mm 1 nickel plated brass barrier gland Type PMAX4NB for armoured cable ID 20-29 mm OD 24-35 mm 2 stopping plugs 1/2" NPT

