

SELECTOR SWITCH - POTENTIOMETER GRP CONTROL STATION

Zones 1, 2, 21, 22

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CONTROL & CONNECTION EQUIPMENT

ATEX CONTROL STATIONS

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



Control stations fitted with one 0-1 selector switch and one potentiometer made of fibreglass-reinforced polyester for use in explosive atmospheres.

Fitted with M20 cable glands in brass or nickel-plated brass for armoured cable, or polyamide cable glands for installation with non-armoured cable.



EU-Type Examination Certificate



ITEM REFERENCES

Designation:	Item No.:
Selector Switch-Potentiometer control station - Brass Cable Gland	3J0160
Selector Switch-Potentiometer control station - Nickel Plated Brass Cable Gland	3J0161
Selector Switch-Potentiometer control station - Plastic Cable Gland	3J0162

TECHNICAL SPECIFICATIONS

Marking:	II 2G Ex db eb IIC T6 Gb II 2D Ex tb IIIC T80°C Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +40°C
Ingress protection:	IP65
Material:	Glass fibre reinforced polyester (GRP)
Selector sawitch:	0-1 / 2NO
Potenciometer:	10 kOhms (scale 1...10)
Cable entries:	1xM20x1,5

INTERNAL CONTACT MODULE - SELECTOR SWITCH



Marking:	II 2G Ex de IIC Gb I M2 Ex de I Mb		
Certificate:	EU-Type Examination Certificate		
Operating temperature:	-55°C to +60°C		
Ingress protection:	IP20		
Nominal isolation voltage:	690 V		
Voltage range:			
400 V	400 V	110 V	24 V
Utilization categories:			
AC-12	AC-15	DC-13	DC-13
Current range:			
16 A	10 A	0,5 A	1 A

INTERNAL CONTACT MODULE - POTENTIOMETER

Marking:	II 2G Ex de IIC I M2 Ex de I	Rotation:	mech. 285° -5° electr. about approx. 250°
Certificate:	EU-Type Examination Certificate	Rated output:	max. 1 W at T _a < +40 °C
Operating temperature:	-55°C to +60°C	Resistor material:	carbon film on ceramics
Ingress protection:	IP20	Torque (beginning):	0.5 to 1.5 Ncm
Rated insulation voltage:	500 V	Torque (end stop):	≥ 100 Ncm
Max. rated voltage:	AC/DC 320 V	Enclosure material:	thermoplastic
Resistance:	1 kΩ to 10 kΩ	Connection:	Double terminals 2 x 2.5 mm ²
Curve shape:	linear	Mechanical life:	25000 sinusoidal cycles
Resistance tolerance:	± 20 %	Weight:	approx. 71 g