

PADLOCKABLE LOAD BREAK SWITCH FOR 5,5KW MOTORS WITH AUX. 1NO CONTACT

Zones 1, 2, 21, 22

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ATEX SWITCHES

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



Load break switch designed for industrial applications in potentially explosive gas and dust atmospheres. Manufactured with a compact black GRP enclosure and a two-position lockable switch, featuring three main contacts and one auxiliary contact, all normally open.

Measuring 122 × 120 × 90 mm, it has 2 earth terminals and 3x M20 cable entries on the underside, with an earth connection.



EU-Type Examination Certificate

ITEM REFERENCES

Contacts:	Designation:	Weight:	Item No.:
	0-1 Load break switch A21 Series 3P+1Aux NO (Padlockable) + 3x M20x1,5 (without cable glands)	1 kg	4E0210
	0-1 Load break switch A21 Series 3P+1Aux NO (Padlockable) + 3 Plastic M20x1,5 cable glands (7-13 mm non-armoured cable)	1,2 kg	4E0211
	0-1 Load break switch A21 Series 3P+1Aux NO (Padlockable) + 3 Brass M20x1,5 cable glands (13,2-20,5 mm armoured cable)	1,5 kg	4E0212
	0-1 Load break switch A21 Series 3P+1Aux NO (CPadlockable) + 3 Nickel plated brass M20x1,5 cable glands (13,2-20,5 mm armoured cable)	1,5 kg	4E0213

Note: Main contacts 1-2 / 3-4 / 5-6. Auxiliary 13-14 (NO). The motor must not be switched off via 13-14 (auxiliary contact)

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 a +40°C
Ingress protection:	IP65
Material:	Glass fibre reinforced polyester (GRP)
3-phase (3 main contacts +1 auxiliary contact):	AC-23: 25 A / 690 V AC-3: 20 A / 400 V AC-3: 16 A / 690 V
Breaking capacity:	
AC-15	400 V 10 A
AC-12	400 V 16 A
DC-13	110 V 1 A
Auxiliary Contact. DC-13	60 V 2 A
Nominal isolation voltage:	$U_i = 690V$ $U_e = 690V$
Nominal pulse voltage:	$U_{imp} = 6 kV$
Rated short-circuit current at 690V:	$I_e = 2 kA$
Short-circuit current:	max. 25A
Connection:	2,5 mm ² terminals

