

LOCAL CONTROL STATION 05

FCP 100

FLAMEPROOF
ZONE 1,2,21,22



SPECIFICATION

TYPE	FCP 100
HAZARDOUS AREA ZONE	Zone 1 - Zone 2 (Gas) Zone 21 - Zone 22 (Dust)
MARKING	Ex II 2 G D Ex db IIB+H2 T6, T5 or T4 Gb Ex tb IIIC T85°C, T100°C or T135°C Db
STANDARDS	EN60079-0 EN60079-1 EN60079-31
EU-TYPE EXAMINATION CERTIFICATE NO.	IMQ 21 ATEX 044 X
INGRESS PROTECTION	IP66
ENCLOSURE MATERIAL	Aluminium Alloy
ENCLOSURE FINISH (DOOR/BADY)	RAL7032/RAL7043 (Other colors are available on request)
AMBIENT TEMPERATURE	-30°C to +55°C -20°C to +40°C
LID FIXING	Flange Type By 10 x M10 socket Head Stainless Steel Screw
ENCLOSURE MOUNTING	4 Slotted Fixing Holes for M8 Screws
EARTHING	M8 Internal Earth Stud
ENCLOSURE EXTERNAL DIMENTIONS	306*381*220
ORDERING DETAILS	Three-layer painting system for use in corrosive environment

TABLE 1-MAXIMUM PERMITTED DISSIPATION POWER

TYPE OF ENCLOSURE	TAMB (-20°C TO +40°C)			TAMB (-30°C TO +55°C)			MAX. RATED CURRENT	MAX. RATED VOLTAGE
	T4	T5	T6	T4	T5	T6		
	T135°C	T100°C	T85°C	T135°C	T100°C	T85°C		
FCP 100	325W	196W	105W	210W	100W	33W	1200A	630V AC/750V DC

DIMENSIONS (MM)

	LENGTH	WIDTH	HEIGHT
EXTERNAL DIM	381	306	220
INTERNAL DIM	304	202	176
FIXING BRACKETS :	227 X 367		

POSSIBLE COMPONENTS*

- PUSH BUTTON
- MUSHROOM-HEAD PUSHBUTTON
- CONTROL SWITCH
- SIGNAL LAMP
- MEASURING INSTRUMENT AM72
- MEASURING INSTRUMENT AM45

