DSDM switchbox Order code
Explosion proof / Flame proof

A= Product & Connections (cable entry)
- DS HeavyDuty, SevereService switchbox with 3/4" NPT cable entries
- DM HeavyDuty, SevereService switchbox with M25x1,5 cable entries

B= Number of open cable entries
- 2 2x open cable entries (option)
- 3 3x open cable entries (standard)

C= Housing material / Surface treatment
- B Aluminium housing, polyester powdercoating, Black base & cover
- W Aluminium housing, polyester powdercoating, Black base & White cover
- C Aluminium housing, polyester powdercoating, Black base & Optional cover color
- S Stainless Steel housing DIN 1.4408 - EN G-X 6 CrNiMo 18-10 - SAE 316 **(Not when A=DM, I = 0)**

D= Shaft
- D Double 'D' Shaft 1/4"
- N Namur VDI/VDE 3845 Shaft (rotary actuators)
- T For NAF Turnex actuators
- L D style incl. nut for linear applications

E= Indicator option
- 0 Flat top cover, no indicator
- 1 Flat top cover, indicator below switchbox for 90 deg **(Only D = N)**
- U Standard Ultradome (Green / Red)
- 3 Four Window Ultradome
- C 90' 3-Way Ultradome
- D 180' 3-Way Ultradome
- E 180' 3-Way Center Blocked Ultradome
- F 120' Thru / Divert Ultradome
- H Black / Yellow Ultradome
- K Green / Red with Ektar Ultradome
- R Reverse - Red = Open / Green = Close Ultradome

F= Qty of switches

	F =2	F = 4
0 0 switches (Cam assembly for 2 x M1 included)		
2 2 switches		
4 4 switches **(Only when E = {0, 1})**		

G= Switch options

F3	IFM IF5250, 10-36VDC NC PNP, 150mA, 3-wire NC	
F5	IFM IF6001, 18-32 VDC, PNP NO	
F6	IFM IF6034, 10-36VDC, NO PNP, 150mA, Stainless steel	
F7	IFM IN0073, 20-250 AC/DC, NO, 350mA/100mA	
F8	IFM IN0081, 20-250 AC/DC, NO, 350mA/100mA w/LED	
F9	IFM IN0097 20-250V AC/DC NO 2-Wire	
FC	IFM IF5718, 10-36VDC NO PNP/NPN, 150mA, plastic	
FG	IFM IS5070 IS3004-BPKG 3 wire DC PNP 10-36 VDC NO **(H=14 only)**	
FK	IFM NS5002 IS-2002-N 2-wire NAMUR	
FL	IFM IS5026, 2 wire 5-36 DC PNP/NPN, 4-200mA NO / NC **(H=14 only)**	
M1	SPDT Mechanical switches 250VAC 10A SIL3 Capable	
MG	SPDT Mechanical - Gold Contacts SIL3 Capable	
MK	SPDT Mechanical switches 250VAC 10A (-55°C) SIL3 Capable	
N1	NJ4-12GM40-E Proximity 3-wire NPN NO 10-60 VDC	
N3	SJ3.5-S1N (NAMUR) SIL3 Capable	
N8	NJ2 V3 N (NAMUR) SIL3 Capable	
N9	NBB3-V3-Z4	
NA	NBN4-12GM40-E2 Inductive. 3 wires PNP NO 10-30VDC	
NC	NJ4-12GM-N	
ND	NCB2-12GM40-Z1 Proximity inductive 2-wire DC NC	
NE	NCB2-12GM35-N0 NAMUR with LED	
NF	NCN4-12GM35-N0 NAMUR with LED	
NG	NJ5-11-N-G SIL3 Capable **(only when E= 0 or 1)**	
NK	NCN4-12GM40-Z0 Proximity 2-wire DC NO	
NM	NJ2-11-SN-G SIL3 Capable **(only when E= 0 or 1)**	
NP	SJ3.5-N (NAMUR) SIL3 Capable	
NQ	NJ4-12GK-N (NAMUR) SIL3 Capable	
NR	NJ4-12GM40-E1, NPN NC	
NS	NJ4-12GM40-E2, PNP NO	
NW	SJ3.5-SN (NAMUR) SIL3 Capable	
NY	NJ4-12GK-SN (-50°C) SIL3 Capable	
P4	SPST Proximity SIL3 Capable	
P5	SPDT Proximity SIL3 Capable	
PE	Sabre SPDT Proximity SIL3 Capable	
PP	Phazer SPDT Proximity SIL3 Capable	
PT	Phazer BRS SPST Proximity SIL3 Capable	

H= Certificate
- 14 General Purpose
- 15 II 1 GD ATEX Ex ia IIC Ga / Ex ia IIIC Da IP66
- 18 { cCSA; Class I, Division 1, Groups B,C,D; Class II, Division 1, Groups E,F,G; Class III; T4 / CSAus; Class I, Division 1, Groups A,B,C,D; Class II, Division 1, Groups E,F,G; Class III; T4
- 19 ATEX II 2 GD Ex db IIC Gb, Ex tb IIIC Db IP66
- 21 IEC Ex ia
- 25 IEC Ex d IIC Gb, Ex tb IIIC Db IP66
- 27 cCSAus IS Cl. I, Div. 2, Grp A-D, Cl. II, Grp EFG; Cl. III, Type 4X
- 28 cCSAus NI Class I, Division 2, Groups A,B,C and D; Cl. II, Gps E, F and G; Cl. III;
- 35 CCOE Exd
- 38 Nepsi (CCC) Exd
- 43 Nepsi (CCC) Ex ia

I= Product approval marking
- 0 Self-adhesive marking label, Polyester **(Not when C=S)**
- M Stainless Steel marking plate

J= Analog Output
- 0 None
- 4 4-20 mA transmitter, Only G=M1, MG, MK, N8 & F=2 & E=0 or 1. **(Not H=15, 21, 27, 28, 43)**
- R Remote sensor option, see separate Order code

K = Terminal Options
- 2 2 Extra open terminals (Standard)
- 4 4 Extra open terminals (Optional, not possible for all switch options)
- 6 6 Extra open terminals (Optional, not possible for all switch options)

L = Options / Elastomers
- 0 Nitrile O-rings (Standard)
- V Viton O-rings

M = Brand
- X Automax
- A Accord
- P PMV
- V Valtek
- W Worcester

Example

A	B	C	D	E	F	G		H		I	J	K	L	M
DS	3	B	N	U	2	M1	-	19	-	0	0	2	0	P

No possible combination/option

* Adaptors and cable gland kits are available for other connections. Consult factory