

ATEX Compliant

ATEX Compliant Solid State Switch/Direct Mounting

D-Y7P(V)-588



CE Ex II 3G Ex nA II T5 X -10 °C ≤ Ta ≤ +60 °C
II 3D Ex tD A22 IP67 T93 °C X

Specifications

PLC: Programmable Logic Controller

D-Y7P/D-Y7PV (With indicator light)		
Auto switch model number	D-Y7P	D-Y7PV
Electrical entry	In-line	Perpendicular
Wiring	3 wire	
Output	PNP	
Application	IC circuit/Relay/PLC	
Power voltage	5/12/24 V DC (4.5 to 28 V DC)	
Current consumption	10 mA or less	
Load current	80 mA or less	
Internal voltage drop	0.8 V or less	
Current leakage	100 μA or less at 24 V DC	
Indicator light	Red LED illuminates when turned ON	

• This category 3 type autoswitch can only be used in zones 2 and 22.

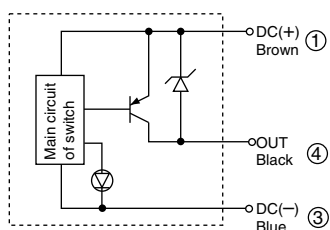
Grommet



Note) All other specifications (dimensions, drawings, etc.) are the same as the non ATEX type.

Internal Circuit

D-Y7P, D-Y7PV



Oilproof Heavy-duty Lead Wire Specifications

Auto switch model		D-Y7P□
Sheath	Outside diameter [mm]	Ø 3.4
Insulator	Number of cores	3 cores (Brown/Blue/Black)
	Outside diameter [mm]	Ø 1.0
Conductor	Cross section [mm ²]	0.15
	Strand diameter [mm]	Ø 0.05
Minimum bending radius [mm] (Reference)		21

How to order

D-Y7P **-588**

Auto switch part number

Suffix for ATEX certified category 3

Electrical entry

-	In-Line
V	Perpendicular

Lead wire length

-	0.5 m
L	3 m
Z	5 m
SAPC	0.5 m + M8 - 3 pins pre-wired connector
MAPC	1 m + M8 - 3 pins pre-wired connector
SBPC	0.5 m + M8 - 4 pins pre-wired connector
MBPC	1 m + M8 - 4 pins pre-wired connector
SDPC	0.5 m + M12 - 4 pins pre-wired connector
MDPC	1 m + M12 - 4 pins pre-wired connector

Connector Specifications

Connector type	M8-3 pins	M8-4 pins	M12-4 pins
Pin arrangement			