

SURYA-DYAFLEX 2000 0.3mm² 332-3

For Fixed insulation, Oil resistant PVC cable with two or more conductors

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Reference **SURYA-DYAFLEX 2000 3X0.3mm²** Colour Sheath: Grey

Approval **CE TÜV RoHS2**

- Note: Approval is depending on products.

APPLICATION

SURYA-DYAFLEX 2000 0.3mm² series Control cable this is widely used as the signal line, internal wiring and external, equipment, components and the industrial machinery.

CHARACTERISTICS

SURYA-DYAFLEX 2000 0.3mm² series are enable to simplify the design and efficient storage for the reduction of costs due to IEC, CE, the product is in conformity to Directive 2011/65/EU was published in 2011 by the EU, which is known as RoHS-Recast or RoHS 2. RoHS 2 includes a CE-marking directive, with RoHS compliance now being required for CE marking of products ("Low voltage directive") Insulation/sheath material free from "Lead (Pb), Cadmium (Cd), Mercury (Hg), Chromium VI (Cr), Total polybrominated Biphenyls (PBBs), Total polybrominated Diphenyl PBDEs", Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP).

APPROVAL

Item	CE
Approval	Certificate Number J 50221561
	Standard HD 21.13 S1:1995+A1, HAD 21.1S4:2002
	Cable Designation H05VV5-F
Characteristics	Rated voltage 300/300V
	Voltage test on completed cable AC 2000 V for 15 min
	Insulation resistance 70°C
	Temperature range - 15°C 90°C
	Minimum bending for radius 6D D= Overall diameter
	Flame retardant IEC 60332-1; IEC 60332-3-24
Construction	Conductor IEC 60228 Class 5
	Insulation/Core identification Identification: By colour of insulation
	Sheath/Sheath colour Oil resistant PVC/Grey
Marking of Cable	△ SMBI SURYA – DYAFLEX 2000 300/300V H05VV5 – F ** X0.3mm ² CE TUV J 50221561 Lfv 332-3

CABLE CONSTRUCTION

Part number	Cores Construction			No of cores	Finish external diameter	Approx. mass	Conductor resistance
	Conductor		Diameter Insulation				
	Nominal sectional area	Conductor composition/ (diameter)					
mm ²	mm	mm	pieces	mm	kg/km	Ω/km	
010.2000.0030.002	0.3mm ² /AWG 22	12/0.18 (0.7mm)	1.5	2C	4.7	26	62.8
010.2000.0030.003				3C	4.9	29	
010.2000.0030.004				4C	5.3	36	
010.2000.0030.005				5C	5.8	43	
010.2000.0030.006				6C	6.2	50	
010.2000.0030.007				7C	6.7	58	
010.2000.0030.008				8C	7.3	67	
010.2000.0030.010				10C	7.9	78	
010.2000.0030.012				12C	8.1	86	
010.2000.0030.014				14C	8.7	101	
010.2000.0030.016				16C	9.0	113	
010.2000.0030.020				20C	10.3	143	
010.2000.0030.030				30C	12.2	201	
010.2000.0030.041				41C	14.4	278	