

SURYA-DYAFLEX 2200 0.75mm² 332-1

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

smbi-2.4-qa.qb-ps.015cs.rev.0.01.07.2020 page1/1

Reference **SURYA-DYAFLEX 2200 3G0.75mm²** Colour Sheath: Grey

Approval **CE TÜV RoHS2**

- Note: Approval is depending on products.

APPLICATION

SURYA-DYAFLEX 2200 0.75mm² series Control cable it is widely used as the power line, signal line, internal wiring and external wiring of electric equipment, components and the industrial machinery, black core identification is suitable for AC and DC power supply due to EN(IEC)Standard

CHARACTERISTICS

SURYA-DYAFLEX 2200 0.75mm² 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 50221468
	Standard	HD 21.13 S1:1995+A1, HAD 21.1S4:2002
	Cable Designation	H05VV5-F
Characteristics	Rated voltage	300/500V
	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
Construction	Conductor	IEC 60228 Class 5
	Insulation/Core identification	Identification: Black core with white numbering
	Sheath/Sheath colour	Oil resistant PVC/Grey
Marking of Cable		△ SMBI SURYA - DYAFLEX 2200 300/500V H05VV5 - F ** G0.75mm ² CE TUV J 50221468 LFV 332-1

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	
015.2200.0075.002	0.75mm ² /AWG 19	23/0.20 (1.1mm)	1.9	2C	3.9	40	26.0
015.2200.0075.003				3G	4.2	47	
015.2200.0075.005				5G	5.2	71	
015.2200.0075.007				7G	6.4	99	
015.2200.0075.010				10G	7.7	137	
015.2200.0075.013				13G	8.1	169	
015.2200.0075.015				15G	9.0	194	
015.2200.0075.019				19G	9.6	239	
015.2200.0075.021				21G	10.7	270	
015.2200.0075.025				25G	11.5	315	
015.2200.0075.037				37G	13.4	452	
015.2200.0075.041				41G	14.7	504	