

ENERGY CABLE 7/8 FOR 24V SWITCHED AND
UNSWITCHED PREASSEMBLED WITH 2X7/8 BOTH
SIDES ANGLED,
1,5MM² MALE - FEMALE 5 POLES,
LENGTH 5,0M



General technical data:

Product description		7/8" socket, angled on 7/8" plug angled
Cable length	m	5

General technical details:

Current-carrying capacity / per pin / maximum	A	8
Operational voltage		
• 1		
• with DC / maximum	V	230
• with AC / maximum	V	230
• 2		
• with DC / maximum	V	400
• with AC / maximum	V	400
Impulse voltage resistance / rated value	kV	3

Mechanical data:

Number of electrical wires		5
Type of cable outlet		angled
Number of poles		5
Color		
• of the cable sheath		gray

• of the insulation of data wires		black, blue, green yellow, brown, white
Material		
• of the cable sheath		polyurethane
• of the wire insulation		Polypropylene
• of the enclosure		polyurethane
Design of shield		unshielded
Type of strain relief		molded
Bending radius		
• with single bend / minimum permissible	mm	65.25
• with multiple bends / minimum permissible	mm	87
Number of bending cycles		5,000,000
mechanical service life (mating cycles)		100
Outer diameter		
• of the wire insulation	mm	2.3
• of the inner conductor	mm	84
• of the cable	mm	8.7
symmetrical tolerance of the outer diameter / of the lead	mm	0.2
Type of connectable conductor cross section / stranded		5 x 1.5 mm ²
Type of plug interlock		7/8 thread
Cable end components		populated on both sides

Ambient conditions:

Ambient temperature		
• during storage	°C	-25 ... +80
• during operating	°C	80 ... -20
Protection class IP		IP67
Chemical resistance		
• to mineral oil		conditional, must be checked relative to the application
• to water		conditional, must be checked relative to the application
• to grease		conditional, must be checked relative to the application
Degree of pollution		3

Certificates/approvals:

Verification of suitability		
• CSA-approval		Yes
• RoHS conformity		Yes
• UL-registration		No
• CCC		No

- IEC certificate
- cUL approval
- C-Tick

No
No
No

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

Cax online generator:

<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RK1902-3NB50/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1902-3NB50

last change:

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