

# Spreaderflex®

## 3GSLTOE for basket application



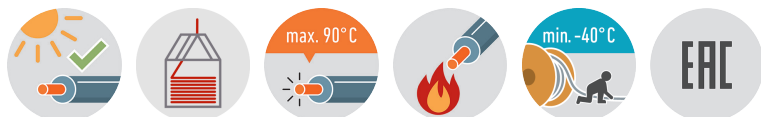
**Application:** As supply cable for heavy mechanical load in vertically basket operation, indoors and outdoors. The cable is resistant to ozone, UV-rays and dampness. Suspension lengths of up to 50 m are possible.

Remark on REACH: The following substances from the REACH candidate list are used for all products on this datasheet with a proportion of more than 0.1 %: CAS 7439-92-1

Dimensions depending on system (e.g. dependent on space requirements, hoisting height and speed, wind load).  
Recommended: basket diameter min. 30xD; basket height approx. 45xD (where D = cable diameter).

### Construction and technical data:

<b>Standard:</b>	DIN VDE 0250 (with reference to)
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	class „FS“ = exceptionally fine stranded
<b>Insulation:</b>	rubber (EPR) 3GI3
<b>Stranding:</b>	Bundle
<b>Screen over strand:</b>	tinned copper braid
<b>Self-supporting element:</b>	aramid-fibre-braid around lead ball cords
<b>Sheathing material:</b>	polyurethan
<b>Colour of outer sheath:</b>	black
<b>UV-resistant:</b>	yes
<b>Oil-resistant:</b>	EN 60811-404
<b>Max. temperature at conductor, °C:</b>	90 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-50 - +90 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-40 - +90 °C
<b>Bending radius, fixed installation:</b>	4 x Ø
<b>Bending radius, moving application:</b>	5 x Ø
<b>Operating speed:</b>	160 m/min.



*The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.*

**Spreaderflex<sup>®</sup> 3GSLTOE-J****Nominal voltage U<sub>o</sub>:** 0.6 kV**Nominal voltage U:** 1 kV**Maximum permitted operating voltage in** 1.2 kV**three-phase systems:****Test voltage:** 3.5 kV**Core identification:** green-yellow + numbers

part no.	part name	RI [Ohm/km]	I <sub>bl</sub> [A]	Ø [mm]	Cu	G [kg]
052439	48X1 BK	19.5	18	34.1	461	2526
053127	24x2.5 BK	7.98	30	32.1	576	1860
052243	30X2.5 BK	7.98	30	34.1	720	2358
052167	36X2.5 BK	7.98	30	37.5	864	2911
052394	42X2.5 BK	7.98	30	39.8	1008	3661
052423	48X2.5 BK	7.98	30	44.3	1152	4338
052264	54X2.5 BK	7.98	30	48.5	1296	4090
054668	30X3.5 BK	5.55	39	37.3	1059	3165
052219	36X3.5 BK	5.55	39	37.5	1210	3918
052836	42X3.5 SW	5.55	39	45.4	1488	4815

RI | Conductor resistance

I<sub>bl</sub> | Ampacity in air (30 °C)

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000